

Governing Council split on South African divestment

Governing Council ended its June 20 meeting with a clear divergence of opinion on whether the University should sell its shares in companies and banks doing business in South Africa. The question likely will go to a vote at the September meeting following consideration by Council's Executive Committee of a member's notice of motion to divest.

President George Connell opened the discussion of South African investments by presenting to Council his response to the brief of the University of Toronto Divestment Committee and the report of the Advisory Board. (See story page 3.) The Divestment Committee submitted a brief to the president in November asking the University to sell its South African-related stocks. About 1,400 members of the University community had signed a petition accompanying the brief. In accordance with the University's policy on the social and political aspects of investment, an advisory board made up of five Council members, chaired by Alexander Pathy, vice-president — business affairs, examined the issue. Its report, which recommended against divestment, was delivered to Connell on May 9. Connell concurred with the board's recommendation not to divest, but said he had taken a substantially different approach than the board in reaching his position.

In presenting his conclusions to Council, Connell said that his own private views on apartheid had played no part in his response. He drew a distinction between the community and corporate aspects of the University.

"We all share strong feelings about

South Africa; we all want to do something," he said. "We are free to boycott South African products, to write to our Members of Parliament, to buy stocks and speak out at shareholders' meetings. The University is a community in which that kind of engagement can take place."

The question at hand focused not on such individual initiatives, said Connell, but on the University as a corporation represented by Governing Council and the president. "Our job is to create the conditions in which these actions can flourish. To bring about that kind of community, it is not necessary for me or Governing Council to engage in political action. I haven't made public statements on behalf of the University on such issues as abortion and old age pensions. You probably would be concerned if I did. My trusteeship concerns the University's proper functioning, its academic programs, its research.

"The fundamental point is that it is

inappropriate and antithetical to our concerns as individuals to use Governing Council and the University as instruments to express our concern about South Africa."

In the discussion that followed Connell's report, 12 members spoke, seven in favour of divestment, and five against. Joanne Philpott, government appointee, expressed disappointment with Connell's acceptance of the advisory board's recommendation not to divest. It is not a political act, but a moral issue, she said. Choosing not to divest will not help the University in its fundraising, nor with its public image, she said. The U of T should follow the lead given by Harvard and McGill (both of which have partially divested) and not be seen to support the *status quo*. Philpott questioned the advisory board's finding that the companies in question did not engage in socially injurious practices. "Since Alcan is the only company to report its performance under the Canadian

government's code of conduct guidelines, how does the board know this?" Philpott urged the University to establish programs of studies about South Africa.

Roger Timms, alumnus, disagreed with the conclusion of the advisory board and the president that the companies were not causing social injury. The real question, he said, was whether divestment would accomplish anything. Black leaders such as Archbishop Desmond Tutu have called for economic sanctions, he said. "I'm not naive enough to think that the University of Toronto's divestment will affect apartheid, but the civilized nations of this world have to indicate to the government of South Africa that it must move faster in ending it."

Turning to Connell's concern about keeping the University out of politics, Timms said he detected a fear of backlash and a concern that the Uni-

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'Equivalent' staff settlement pleases UTSA president

For 1985-86, the University's administrative staff will receive an across-the-board economic increase of three percent or \$600, whichever is greater, and a three-percent merit pool to be distributed according to the grid in the Manual of Staff Policies. The increases will be contained in the July pay cheques.

Benefit increases are costed at 0.24 percent. New benefits include a

dental plan update to the 1984 Ontario Dental Association fee schedule, adoption leave, and a pension augmentation of one percent.

"I'm relieved that we finally seem to have come to a complete understanding on everything," said David Askew, president of the University of Toronto Staff Association (UTSA). We have an economic increase that we feel in combination with the merit program is equivalent to the settlement that the faculty association achieved."

Discussions this year were particularly difficult, said Askew. "It was an unnecessarily long and arduous confrontational process. On three or four occasions we were threatened with imposed settlements. We held firm and there was further discussion. I don't think that it had to be done that way. Once a more problem-solving approach was adopted we were able to get somewhere."

UTSA's bargaining team consisted of Pauline Burke, Askew, Rose Marie Harrop, Elizabeth Hawkes and Dyane Matthews. Negotiating for the administration were Bruce McDougall, assistant vice-president (personnel and central services), Carole Farr, manager of salary administration in the Personnel Department, Martin Kogan, manager of the payroll department in the office of the comptroller, and Patrick Phillips, director of administration at Scarborough College. Burke and McDougall chaired the teams.

The University of Toronto Faculty Association has a written agreement with the University that provides for mediation and arbitration if it is not satisfied with the terms of settlement arrived at in negotiations with the administration. Because UTSA has no such agreement, its negotiations with the administrations are termed "discussions", and its approval of a recommendation for salary and benefit increases is not required. In 1979 UTSA did not approve the recommen-

dation, and an imposed settlement resulted.

Under a written agreement with the administration, if the salary settlement is not entirely to UTSA's liking, the president is obliged to transmit UTSA's objections to Governing Council when he makes the recommendation. Prior to this year, this had not been done, although in 1983 UTSA had objections to the overall settlement. But because it was approved in July, under summer authority, Governing Council was not involved.

Last week President George Connell notified Askew that he did not wish to convey UTSA's objections to Council, since they were not related to salary and benefit items but to policies. He was later persuaded to go ahead with the transmittal of the brief, since discussions had been conducted on the understanding that the usual procedure would be followed. However, he informed Governing Council in a memorandum accompanying the UTSA brief that it did not conform to the agreed process, since it dealt with matters other than salary and benefits, and that he intended to discuss the procedural agreement with UTSA so that in future both sides will feel that they are complying with its terms.

The items that Connell believes should not be classed with salary and benefits are policies for relocation, video display terminal users and budget-paid staff. A proposal by UTSA for a compressed work week was rejected by the administration's negotiating team. Two proposals for changes to the pension plan are being considered by the tripartite Benefit/Pension Plans Task Force: that staff have the option of retiring at the end of the month in which they turn 65 and that an early retirement plan for staff be presented immediately.

An early retirement plan for faculty
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Expert on federal-provincial relations to be new U of T vice-president

by Judith Knelman

The appointment of David Cameron, 44, as U of T's new vice-president (institutional relations), effective July 1, was approved last week by Governing Council. He succeeds physics professor Donald Ivey, whose term ended a year ago.

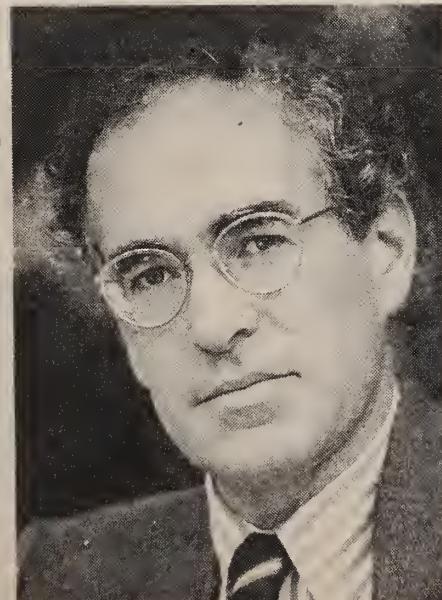
Cameron, a federal civil servant who began his career as an academic, will oversee fundraising operations, alumni relations, communications and government relations at U of T. He takes over most of the government relations function from David Nowlan, vice-president (research), who will, however, continue to conduct government relations with respect to research funding.

Eight years in government have taught Cameron that universities and governments do not understand one another as well as they might. He has a passionate conviction that universities ought to strive for recognition as strong connecting threads in the fabric of a nation's life.

"Universities have an enormous contribution to make. I don't think the possibilities have been exploited to the

extent that they should be on either side. An involvement in life does not have to be an impediment to the scholarly or intellectual process. The creative juices of the university world

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David Cameron, new vice-president (institutional relations)

Governing Council

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versity may lose funds. Connell disputed this interpretation, saying that the advisory board's stated fear of loss of revenue had not influenced him. "I don't share this view or think that University policies should be shaped by these considerations," he said.

Kevyn Nightingale, full-time undergraduate representative, stated his support for Connell's report. "The University is not here to right injustice," he said. "That is the responsibility of the courts and legislatures. Our responsibility is to educate individuals. I personally boycott South African products, but I am not in favour of a University boycott."

Noble Hori, government appointee, spoke in favour of Connell's position from the viewpoint of one who has been a victim of racial discrimination. He talked of his incarceration in an internment camp in Canada during the second world war and of Japanese Canadians getting the right to vote only in 1949. The situations described in the divestment committee's brief shocked him, he said, but he wondered if divestment might increase the suffering of South Africa's blacks, given their already high unemployment rate. The University should encourage activist groups to engage in positive, educational programs, he concluded, but the University's governors cannot take this action.

Mark Halpern, full-time undergraduate student, called the timing of the Council discussion unfortunate, in that most students, who would be interested in the question, are not on campus. Divestment is different from contentious issues such as abortion, he said, in that a consensus could be reached since all condemn apartheid. The University has a responsibility to take action reflecting moral views and to decide if divestment is the best way to express this consensus, he added.

Graduate student representative

Catherine Laurier said that arguments justifying continued investment in South Africa on the grounds that it benefits blacks are unsound. During a period when American investment in South Africa tripled, the wage gap between black and white workers doubled, she said. Quoting Archbishop Desmond Tutu, Laurier said black workers do not want their chains made comfortable, they want them removed. Those who argue that divestment will make no difference should think about why the government of South Africa makes it a crime to advocate divestment. The University is not an ivory tower, she concluded, it is part of society and is hypocritical unless it takes a stand on divestment.

Graduate student Ava Szczurko of the University of Toronto Divestment Committee spoke to Council, saying the group was appalled by Connell's position. The committee's position has widespread support on campus, she said, and is therefore more than a group of individuals. The argument that the companies examined are causing no social injury is inconsistent with the fact of an economy based on inequality which only serves to strengthen apartheid. Szczurko called the decision against divestment an insult to other universities that have made this choice and to the black majority who have called for isolation of South Africa. The Toronto community must urge and pressure the University with "whatever means are at its disposal" to ensure divestment, she concluded.

At the end of discussion, Claire Johnson, part-time undergraduate representative, presented a notice of motion that: the University of Toronto formulate a policy of making no further investments in companies doing business in South Africa; and that the University establish and initiate a procedure for divesting its holdings from such companies and

banks. St. Clair Balfour, chairman of Council, said the motion will be discussed by the Executive Committee.

Connell also served notice of motion to recommend that Governing Council strongly urge the federal government to complete a current review of its code of conduct for Canadian companies operating in South Africa and make the reporting requirements of this code mandatory. This had been recommended in the advisory board report.

Council approved the agreement reached on salary and benefits between the administration and the staff association which provides for a three percent salary increase and a three percent merit pool. David Askew, president of the staff association, presented a brief to Council members outlining issues on which agreement was not reached: relocation of staff whose positions are eliminated or reduced for fiscal reasons; guidelines for use of video display terminals; a compressed work week; retirement during the birthday month on reaching age 65; a call for the pension plan task force (a joint faculty, staff and administration body) to recommend an early retirement provision; and a demand that the University develop a policy regarding appointment of budget-paid staff to contract positions.

Rita Crump, administrative staff representative, said she was disappointed that the administration had not agreed to raise the salary grade structure. Many staff are at the maximum of their range and are no longer eligible for merit pay. They are therefore penalized relative to newer employees, she said.

Connell also answered a question from Crump about the future of an early retirement program expiring at the end of June for which staff are eligible. Under the three-year trial plan, staff and faculty may choose early retirement at full pension if they are 60 years old and have 25 years of service. The faculty association secured an early retirement plan in its settlement with the administration, but when the trial plan expires, staff will no longer be eligible.

Connell answered that the faculty plan was quite different in that its purpose was academic renewal and that the cost is borne by the academic units. The administration will be bringing a proposal for early retirement without penalty to the task force for discussion, he added.

The appointment of David Cameron as vice-president — institutional relations and full professor with tenure in the Department of Political Science was approved, effective July 1 for a six-year term. Council also approved a change of title of the vice-president — research and government relations to vice-president — research. In an interview, Professor David Nowlan, who now holds the position, said that the change more clearly defines his mandate and he will continue to be responsible for government relations with respect to research. Other government relations responsibilities will be transferred to the institutional relations portfolio.

Council approved creation of the Hungarian Research Institute of Canada, the University's third research ancillary and the first in the humanities. The institute will support scholarly work in such areas as the historical, cultural, political, economic and social studies of Hungary and of expatriate Hungarian communities, especially those in Canada. The institute is founded in partnership with the Szechenyi Society of Calgary and the Rakoczi Foundation of Toron-

to, both federally chartered non-profit corporations.

In his motion to approve the institute, William Broadhurst, government appointee and chairman of the Planning & Resources Committee, outlined the safeguards of academic standards which are built into the agreement among the three parties: Governing Council has the power to disassociate the institute from the University; Council will appoint two directors of the institute; the institute will report annually to the president and list all publications; Governing Council must approve changes to the institute's by-laws and the appointment of its executive director.

Professor S.M. Uzumeri, teaching staff, said he was concerned that such proposals were not required to go to the Academic Affairs Committee for approval. A proposal to establish a research ancillary now goes to the Planning & Resources and Business Affairs Committees. Connell supported Uzumeri's statement, saying he would have preferred that the proposal go to the research subcommittee and the Academic Affairs Committee. "We will propose a change in the statutes to accommodate the route you support," he told Uzumeri.

Saying he was embarrassed about the size of overspending on renovations to Varsity Arena, Burnett Hall, alumnus and chairman of the Business Affairs Committee, asked Council to approve an additional \$439,100 for the project. The money is to come from a variety of funds, and includes a payment of \$9,000 from Proctor and Redfern, design consultants, to meet the cost of correcting a design error. During earlier discussion in the Executive Committee, business affairs vice-president Alexander Pathy had said the University was claiming that the consultants should accept greater financial responsibility, and would press this claim in arbitration if necessary.

Connell announced that by September he will have moved his office into the former quarters of the Student Awards Office in Simcoe Hall, vacated by their move to the Koffler Student Services Centre. This would bring him closer to the planning office, headed by Dan Lang, assistant vice-president (planning) and University registrar. Connell's personal staff will be reduced to his secretary and the remainder of his staff will join the planning office. Connell said much of the communicating and coordinating function which has taken a great deal of his time can be handled effectively by the planning office.

Council approved, with loud table thumping, a formal recognition of David Claringbold's 55 years of service to the University. Claringbold was for 18 years secretary of the Board of Governors and its successor, Governing Council. Balfour said he would convey the University's admiration and gratitude to Claringbold in person.

Government appointments to the Council were announced: (reappointed) Kendall Cork and Joanne Philpott, both of Toronto; (new appointments) Robert McGavin, vice-president, public affairs, Toronto Dominion Bank; and Deane Murdy, dentist, Huntsville.

In other business, Governing Council approved:

- the financial statements for the year ended April 30, 1985
- the addition of information science to the doctoral program of the Faculty of Library & Information Science
- the establishment of endowed professorships in policy modelling and organizational effectiveness

UTSA settlement

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has already been approved. UTSA has asked for an equivalent program. The option for retirement at the end of the month in which the 65th birthday occurs was recommended by the Presidential Advisory Committee on Pensions in April 1982 and referred to the Pension Task Force. It has been presented three times by UTSA as a formal proposal.

The need for a policy on the appointment of budget-paid staff to contract positions, says UTSA, is urgent, but the administration has referred it back to the Liaison Committee, which has a large number of items to deal with.

If UTSA and the administration are unable to agree in the Liaison Committee, UTSA may present a brief to the Personnel Policy Board for its consideration along with the administration's recommendation.

The merit plan is to be discussed thoroughly by the committee. An earlier proposal that would have lowered the level of the merit pool was turned back by UTSA.

Work on policies for relocation and VDTs was completed in the Liaison Committee before the end of 1984, says UTSA, but no policy has been recommended by the board. UTSA wants a policy on relocation that would commit the University to offering a suitable position or retraining. Some agreement between the two sides was reached on VDTs, says the UTSA brief, and the administration agreed in negotiations to include in the Manual of Staff Policies a set of guidelines drawn up by UTSA, but routine

maintenance of VDT units, the obligation to provide corrective lenses, the need for rest breaks and the option for pregnant women to be assigned other work are still not resolved.

Proposals by UTSA on staff development and leaves of absence will be referred to the Liaison Committee. Air quality and heavy lifting are to be discussed at a special meeting with the staff of the Office of Occupational Health & Safety and then may be taken for discussion to the Liaison Committee.

The administration agreed that merit should not be a major factor in the application of a market adjustment. Some changes in the procedure for funding reclassifications have also been agreed to by the administration. For a six-month trial period, all entry-level and temporary positions are to be advertised internally. One-time-only lump-sum payments for long-term disability will be made to individuals whose disabilities arose before June 30, 1981.

The administration has agreed to present a plan for vision care to both the faculty and staff associations for next year. It has also agreed to allow 25 percent release time for the chair of UTSA's salary and benefits committee.

Though it had asked for a longer period, the negotiating team accepted the president's offer to close the University for Christmas vacation from noon on Tuesday, Dec. 24 through Wednesday, Jan. 1.

Connell recommends against divestment — accepts finding that South African holdings not socially injurious

by Janet Dunbrack

President George Connell has recommended against divestment of the University's stock holdings in companies doing business in South Africa on the grounds that their actions are not socially injurious. The president's decision, announced in a report to Governing Council June 20, culminates a seven-month review following a formal request from the University of Toronto Divestment Committee that the University sell its holdings in banks and corporations investing in South Africa. The committee's 25-page brief was signed by close to 1,400 members of the University community.

The University holds stocks in Alcan Aluminum, Falconbridge Nickel, Moore Corporation, Noranda Mines, Exxon, Xerox, Bank of Montreal, Bank of Nova Scotia, Canadian Imperial Bank of Commerce and the Royal Bank. The present value of the University's investment in these companies is just over \$6 million, or 15 percent of total common stock holdings.

In reaching his decision, Connell considered the report of an advisory board of five Governing Council members, one from each constituency, set up to respond to the divestment brief. Members were Professor William Francombe, teaching staff; Margaret Hamilton-McCabe, government appointee; Joanne Uyede, alumna; James Wilson, full-time undergraduate student; and Nanci Wintrob, administrative staff. The board, chaired by business affairs vice-president Alexander Pathy, was charged with deciding whether holding stocks in companies doing business in South Africa violates the University's 1978 policy on social and political issues with respect to investment.

The policy states that maximum economic return should be the criterion for buying and selling stock in normal circumstances. It provides for review of investment when a case can be made that such holdings cause social injury.

After talking to members of the divestment committee, a representative from the group of banks and a personnel officer from one of the corporations, and examining policy statements from the Canadian government, other universities and several corporations, the board found that the policy was not being violated. The divest-

ment committee had not provided specific evidence of social injury by the companies named, the board said, adding that foreign companies that practise non-discrimination and provide training for their black workers can have a positive effect.

While condemning apartheid, the board supported the view that economic isolation of South Africa would not change that government's policy. It expressed the hope that, by maintaining business and social contacts with the country, peaceful persuasion and good example will eventually result in the repeal of the policy of racial separation.

The board's report also stated frankly that it did not wish to jeopardize the University's financial position by interfering in the affairs of corporations at a time when funds from the private sector are desperately needed.

When investing, the board stated, the University should follow the rule of the "prudent man", a legal principle holding that political, social, moral or other non-business factors should not influence a trustee's judgement in investment matters.

Connell considered this principle, but countered with the view that moral imperatives can sometimes

outweigh legal arguments, and that Governing Council could act accordingly. In the present circumstances, however, he agreed with the board's finding that no social injury was being caused by the banks and corporations and that divestment would not be an appropriate response to concern about apartheid.

Most members of the University community probably deplore the apartheid policy, Connell said, but a distinction must be drawn between the concerns of individuals and the position of the University as an institution: moral judgement must be exercised in transactions, but the University would be unwise to engage in political action, which he defined as deliberate efforts by Governing Council to change political structures, governments and policies in Canada or elsewhere, except in matters which are directly relevant to its interests.

Connell stated his concern that if the University engaged in political action, it would open itself in turn to possible interference from outsiders who may use their influence to constrain its freedom. By undertaking a campaign to correct injustice outside the University's walls, Governing Council would fail the University and jeopardize the

contributions this institution can make to good government and justice, he added.

Despite his caution about political action, Connell did concur with the advisory board's recommendation that the University urge the federal government to review its code of conduct for Canadian companies operating in South Africa and make reporting on employment practices mandatory. Such a clarification and update would benefit the University, he said, adding that he was prepared to put this resolution to Governing Council.

The federal code, like many government and institutional policies on South Africa, was announced in 1978 following worldwide reaction to the brutal quelling of the 1976 Soweto uprising. It recommends wage standards and equality of treatment for black workers employed by Canadian firms. Compliance and reporting under the code are voluntary. Of the 10 companies and banks in the University's investment portfolio, only Alcan has submitted annual reports on its conduct to the Canadian government.

The University of Toronto Divestment Committee has called both the president's and the advisory board's response to its brief "shameful". Ava

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Astronomy launches \$5 million fundraising drive

A new telescope in Chile and more research space at the David Dunlap Observatory in Richmond Hill are on the Department of Astronomy's shopping list as it begins a \$5 million fundraising campaign launched during the observatory's 50th anniversary.

Adding a two-metre telescope to the University's station at Las Campanas in the Chilean Andes will be the realization of a 15-year-old dream, said fundraising chairman Professor Robert Garrison at the May 31 anniversary celebration. In 1970 a small 61-centimetre telescope was installed at Las Campanas, with the intention of soon afterward adding a larger one. Financial hard times forced the department to put the plan on hold; this year's anniversary provided a golden opportunity to revive it. Cost of

the new installation is estimated at \$3 million.

"A larger telescope will allow us to see stars 100 times farther away and 10 times fainter in one of the clearest viewing areas in the world," Garrison said. "The southern sky is a rich area for research — it has more stars than the northern sky, the hottest and youngest stars, and the closest galaxies. Professor Helen Hogg, probably our best-known faculty member, has worked in the southern hemisphere for most of her career because it has the greatest concentration of globular clusters." The telescope is available to astronomers on the basis of scientific merit of their proposal, irrespective of national or institutional origin.

The Dunlap Observatory at Richmond Hill is already equipped with a two-metre telescope, but needs a new \$2 million wing to house the instruments and computers required for modern astronomical work. When the observatory opened in 1935, astronomers processed their information with pencil and paper. Keeping pace with new techniques has meant cramming all available space with equipment: computers have been moved into the basement (along with the dehumidifiers and air-conditioners required to help them function) and a bathroom has been converted to an office.

The projected addition will probably house a new VAX computer (application has been made to NSERC to pay for it) and an electronic detector that compensates for light pollution. Fifty years ago, Richmond Hill was a rural suburb of 1,200 people that used little night lighting. Today, residential, traffic and industrial lighting for a population of 40,000 has increased sky brightness considerably. Background light creates problems in taking photographs of stars, and mercury-vapour street lamps give off signals that interfere with those coming from

space. The new detector will restore clear observation by scanning the stars and the sky, and subtracting the background sky light.

The astronomy department hopes to find corporate and private donors who will be as generous as the David Dunlap estate was in the 1930s. Dunlap, a wealthy Toronto lawyer, was an avid amateur astronomer whose bequest of \$350,000 established the observatory, which has received a quarter of a million visitors since its opening.

If the fundraising is successful in the private sector, the department will approach the federal and provincial governments for money to pay for maintenance of facilities. The new Dunlap Observatory wing will need income from an endowment of \$2 to \$3 million to provide upkeep.

The two fundraising projects were chosen by the astronomy department after considerable debate. Submissions were invited from all department members, including students and administrative staff, and a consensus was reached after a series of "town hall" meetings.



Good reviews for new bookstore

Business is brisk at the new University bookstore in the Murray Koffler Student Services Centre, says Peter Thomas, manager of the lower floor section. The store opened last Monday to good reviews by both customers and staff, who approve of its spaciousness and generous natural lighting. "Nobody has had a bad word to say about it," remarked Thomas, "which is rather unusual for a bookstore."

Summer Bulletins

The summer issues of the Bulletin will be published July 22 and Aug. 19.

The deadline for display ads and events is two weeks prior to publication. For the July issue, the deadline for classified ads is Thursday, July 11. Editorial material should be in the Bulletin offices at 45 Willcocks St. 10 days before the publication date.

New vice-president

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are going to be flowing more freely if scholars are involved in the life of their country than if they're not."

Graduates of a university, says Cameron, ought to feel some continuing sense of the significance of the institution in their lives and the lives of their children and grandchildren — for example, by their access to its major resources. "The universities of this country need to implant themselves in the lives of their local and national societies as much as possible. The question of contributing to the support of the institution is only a part of that."

Cameron has examined the problem from various theoretical and practical angles. He has a PhD from the London School of Economics and taught at Trent from 1968 to 1975, serving as chairman of the Department of Political Studies from 1970 to 1975 and as dean of arts and science there from 1975 to 1977. While he was dean at Trent, he gave special attention to the areas of part-time studies and off-campus teaching.

In 1977 he left Trent to become director of research for the federal government's Task Force on Canadian Unity. It was not his first experience as a civil servant: while a student, he had been a member of the research staff of the Royal Commission on Bilingualism & Biculturalism. In 1979-80, as an adviser in the Federal-Provincial Relations Office, he worked on the Quebec referendum. He then became assistant secretary to the Cabinet for the Federal-Provincial Relations Office with responsibility for strategic planning for constitutional change and for federal policy and planning in federal-provincial relations.

In 1982 he was made assistant under secretary of state for education support in the Department of the Secretary of State, with responsibility for federal transfer payments to the provinces for post-secondary education, the Canada Student Loans program, the Official Languages in Education Program, the National Program in Support of Canadian Studies and the Secretary of State's involvement in international educational affairs.

Having superintended the transfer of more than \$200 million to the provinces to support minority and second language education, mostly to primary and secondary schools, he is now keenly aware of the need for universities to respond to the growing pressure for continuation of the immersion experience by students who have graduated from high school. "It's a challenge set to the post-secondary institutions as it has been to the primary and secondary." Universities can work with the provincial governments in the light of the federal government's priorities to come up with proposals for funding for bilingualism, he says.

Cameron agrees with A.W. Johnson, author of a report to the secretary of

state on federal financing of post-secondary education and research in Canada, that it is hard to understand the logic of the present arrangement, under which there has been a two percent gap between the amount transferred to the provinces by the federal government for post-secondary education and the amount that the institutions have actually received. Though he accepts Johnson's analysis of the problems — the federal-provincial balance, underfunding of the system, and the low priority of research — he has not embraced the solutions offered in the report. "There may be other ways of addressing these issues." As the secretary of state's representative, he has been exploring with provincial representatives what their solutions would be.

That is Cameron's style. He does not intend to come in new to U of T with preconceived opinions. "I want to listen to a lot of ideas on a lot of topics."

He comes however, with a conviction that his portfolio comprises issues that are vital to the health of the University. "I think all the parts cohere quite well. It's really the presence of the University in the larger world. I'll be helping to represent and interpret the University to the communities and interpreting the communities to the University."

A major fundraising campaign will probably be a part of his responsibilities. "I start from the assumption," he says, "that these things should involve the university community in general. There's something wrong with turning off the entrepreneurial energies of the university community in the area of fundraising. There's no way a president or vice-president can represent adequately all the areas that need funding. I don't think it's sensible for fundraising to be construed as a central agency function."

In addition to his administrative responsibilities, Cameron will do some teaching after the first year, probably in Canadian public policy or federalism. He has been appointed a full professor with tenure in the Department of Political Science. "One of the benefits will be that I will have some time to write and teach. I like scholarly activity." He is the author of two books, *Nationalism, Self-Determination and the Quebec Question* (Macmillan, 1974) and *The Social Thought of Rousseau and Burke: A Comparative Study* (U of T Press, 1973).

Cameron has had "super jobs" in the civil service, he says, and there's a lot he will miss about Ottawa, but the lure of administration combined with the academic environment, especially at U of T, was too strong to resist. For as long as his wife, Stevie, a parliamentary reporter for the Ottawa Citizen and television and radio broadcaster, remains in Ottawa with their two teenage daughters, he will live in Massey College and commute.

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Divestment

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Szczurko, a graduate student speaking on behalf of the committee, said her group was angry about "this arrogant dismissal of the desire of all U of T constituencies to see divestment". The committee's statement termed the recommendations of the advisory board "intellectually insulting" and said a further insult was the board's "six pages of flimsy recommendations" in response to the committee's "thoroughly researched" brief which ran to 25 pages with 17 additional pages of appendices.

Szczurko also criticized the administration's timing in bringing the matter to the last Governing Council meeting of the year, when many students and faculty are off campus. The divestment committee has resolved to continue its campaign in spite of having exhausted all procedural avenues and will meet during the next few weeks to discuss strategy.

The University of Toronto is not alone in wrestling with the question of investment and apartheid. Widespread debate of the issue has taken place at North American universities since the late 1970s. This year the discussion has heated up, resulting in many campus demonstrations, including one lasting three weeks at Columbia University in April. Columbia's board of trustees has agreed to study the possibility of moving from partial to full divestment.

Since 1977, several US universities have chosen to sell all their South African-related stocks: the universities of Maine, Massachusetts, Wisconsin, Ohio University, Antioch University, City University of New York and Michigan State University. The largest full divestment was that of the students' association of the University of California in Los Angeles, totalling \$25 million. Other universities have chosen partial divestment, including Harvard, Boston, Brandeis, Brown, Columbia, Howard, University of Michigan, Smith, University of California at Berkeley, University of Pennsylvania, Vassar and Yale.

McGill has a partial divestment (or rather, non-investment) policy that requires any company added to the portfolio with ties to South Africa to adhere to the Sullivan Principles, a voluntary code of conduct established in the 1970s by US clergymen James Sullivan and accepted by many US companies. John Armour, McGill's vice-principal in charge of finance, said three companies have been passed over by McGill as investment prospects because of their non-compliance with the Sullivan Principles. One of these is Royal Dutch (Shell) Petroleum.

The "prudent man" doctrine has been considered by some universities, and not by others. Joseph Hakanson, chairman of the board of trustees of the University of Maine and an investment broker, said of their 1982 divestment decision: "I don't think we talked about the financial end. The moral question certainly supersedes the financial question."

The question of university freedom from outside political interference has arisen at the University of Michigan, which has made a partial divestment. The university is now contesting a 1982 state law which requires it to make a total divestment. The university's board of regents says the law violates its autonomy under the state constitution.

American studies of the effect of divestment on portfolio performance are inconclusive. After looking at nine cases of divestment, the Investor Responsibility Research Center concluded that the action had a detri-

tal effect on the value of investments. The study qualified this finding by saying it was "difficult to quantify with any degree of accuracy" and that performance depended on other factors such as the ability of the investment manager.

The portfolio of Michigan State University, on the other hand, has seen a gain of more than \$1 million in the performance of replacement stock over that of divested stock. But the university's investment director, Nancy Elliott Craig, said in an interview with the *Chronicle of Higher Education* (May 22) that some of the South African-related stock would have been sold in any event even if the university had not chosen full divestment. Craig said that a shortage of good replacement stocks could develop if many institutions start selling major corporate shareholdings and compete for those of companies not doing business in South Africa.

In South Africa, black opponents of apartheid are divided on divestment. The Right Reverend Desmond Tutu, Anglican Archbishop of South Africa and recent winner of the Nobel Peace Prize, has called for strong economic sanctions unless apartheid ends within two years. Nthato Motlana of the Soweto Civic Association favours an end to foreign investment, arguing that it creates stability and lessens the probability of change. The 70-year-old African National Congress, an organization which advocates civil disobedience to end racial laws, has also called for a pullout of foreign money.

Disagreement with this position comes from the large black organization Inkatha, which opposes the withdrawal of foreign capital, saying this would slow the economic progress of blacks which is a force for change. The Council of Unions of South Africa advocates divestment of stocks only in companies without fair labour practices, while the Federation of South African Trade Unions has called on well-meaning foreigners to consult South African workers before pulling the plug on investment and jobs.

A poll done last year by the Centre for Applied Social Sciences at the University of Natal in Durban, South Africa, found that most black workers reject divestment because they want to keep their jobs. The study also revealed that the workers consider American companies to be much fairer employers than domestic firms. Black organizations in South Africa have criticized the survey as unreliable, adding that partial financing of the study by the American State Department may have biased its findings.

Ursula Franklin awarded honorary degree from York

University Professor Ursula Franklin, Department of Metallurgy & Materials Science, received an honorary doctor of science degree from York University at Spring Convocation ceremonies June 21.

Franklin was honoured for her work as a scientist, pioneering the application of modern materials science techniques to the study of archaeological materials, and for her research on the social impact of technology and women in science.

She addressed the graduates of the Faculty of Science and Vanier and Winters Colleges.

Library tryout for ALIS III

by Arthur Kaptainis

A new library automation system marketed by UTLAS earned mixed but generally favourable notices from U of T users during a two-day demonstration late in May. The sorts of reservations voiced are not likely to be regarded as crucial by the University's Library Automation Review Committee, says U of T library systems coordinator Val de Bruin.

The committee, chaired by research vice-president David Nowlan, will meet July 2 to discuss the system.

Approximately 65 students, faculty and library staff filled out evaluation cards after giving ALIS III (Automated Library Information System) a test drive in the Robarts Library. The results, says de Bruin, reveal that most library staff who tried ALIS III approved of its circulation control features. The criticisms, from students and faculty, concerned such details as screen display appearance.

"It is the same as with other demonstrations in the past," she said. "...There were no fundamental, or should I say fatal, criticisms."

The system, invented and developed by Data Phase Corporation of Kansas City, Mo., primarily functions as a circulation tool but has some information searching capabilities. It is currently in use at the Chicago, Atlanta and Houston public library systems as well as the libraries of Arizona State University, Foothill College, Calif., and Oral Roberts University.

UTLAS acquired exclusive marketing rights to the system early in June, and will be proposing it to various universities and other large library customers. The terms of the sale of UTLAS in February by U of T to International Thomson make UTLAS the sole distributor of library automation systems to the University. ALIS III is the second UTLAS-marketed system to be offered to the University.

The first, from CLSI, another US

library automation company, was evaluated by the committee last year, de Bruin said. "ALIS III is the contender now."

De Bruin emphasized that U of T's agreement with International Thomson does not obligate it to accept ALIS III or any specific automation system. "If we find it does not suit our needs, we can say no, and it's back to the drawing board."

Should the ALIS III meet with the approval of the committee, however, it would be installed cooperatively by UTLAS and the library administration, the former providing the hardware know-how and the latter providing ongoing critiques of the system's capabilities.

Although much of the ALIS III software is designed to handle circulation and cataloguing, there are also title, author and subject search functions. The ALIS III on display at the Robarts Library, which was linked to the public library system of Boulder, Colo., quickly fired up five responses to an author search of "Poe" — references to two "POetry" collectives, one to Roy W. Poe, and two to Edgar Allan Poe.

This last redundancy, explained the demonstrator, was caused by a typo in one reference (easily corrected) giving the author's year of death as 1949 rather than 1849.

A subject search of "Colorado" and "history" understandably yielded many titles, although no success was had plugging in "coffee" and "cancer". Subject terms of reference are limited, and a maximum of three can be applied to any one title.

One reason for UTLAS' enthusiasm for ALIS III is the fact that it is built with Tandem brand hardware, said Jean Heathcote, the UTLAS manager in charge of the U of T account. This is the brand UTLAS itself uses.

De Bruin agreed that "the hardware is top notch. It is a system that is architecturally suited to [large library] application."



Gifts from the artists

Honorary degrees were conferred upon pianist Oscar Peterson and artist Daphne Odjig during Convocation ceremonies last week and, in return, U of T was presented with works by the artists.

Peterson addressed Convocation with a performance of "Caravan", and Odjig gave to Chancellor George Ignatieff her painting "Generations" (right). The internationally acclaimed native artist spoke of the pain of growing up as an Indian in Canada and the difficulties early on in her career.

when she was advised to paint "mountains and landscapes, things that people can identify with...". She struggled to travel her own path, as she advised graduands to do, and found success with paintings inspired by the "joys, sorrows and survival" of her people. Though pleased about the growing public awareness of Indian art, she is concerned about its "touristy definition" and that a "winning formula" might limit artistic vision. And she had a few words for people in the market for art: "How often I've heard, 'But the colours in the painting won't match my new drapes!' I would suggest that if people have concerns about such trivia, they should forget about buying a painting and simply frame their drapes."



PHOTOS ROBERT LANSDALE

Sid Smith lobby awaits renovation

A three-stage facelift for the lobby of Sidney Smith Hall is currently being evaluated by the Physical Plant Department, says Elizabeth Wilson, director of public relations and development for the Faculty of Arts & Science and chairman of Friends of Sidney Smith, a faculty committee struck earlier this year to examine the possible aesthetic upgrading of what many regard as the least attractive edifice on the St. George campus.

If judged feasible by the faculty, the plans would move the east and west lobby doors closer to the street, open up a skylight in the ceiling and rearrange the seating space with raised platforms and strategically positioned planters and chairs.

"Our feeling is that there are always several incompatible activities vying

Communications workshop

A communications workshop on "How to Publicize your Event" will be held in the Meeting Room, Hart House from 2.30 to 4.30 p.m. June 25. Anyone interested in attending should call workshop leader Nona Macdonald at 978-2103 or 961-2516.

for space in the lobby — some people trying to study, some trying to chat, and so forth," said Wilson. "So we are hoping an enlarged area might permit a little more separation."

The installation of a skylight would require the removal of some but not all of the artificial lights now lining the ceiling, Wilson said.

Although the plans remain "very much in the discussion stage", the committee has been encouraged recently by the decision of President George Connell to direct \$25,000 in discretionary Varsity Fund money toward Sidney Smith beautification. This money will be supplemented by bequests and donations from former and current faculty members, including one former dean.

"There isn't a separate account drawn up for it at the moment," Wilson said, "but my expectation is that when all these various moneys are drawn together it will amount to \$50,000."

None of this money will come from the arts and science budget.

The committee's mandate permits it to consider improvements to other areas in the Sidney Smith building, Wilson said, but to focus on the lobby seemed logical given its high use and the limited budget.

A working group will be established shortly by Provost Frank Jacobucci to review divisional implementation of the University's grading practices policy. The Academic Affairs Committee approved a motion recommending the group's establishment at its May 30 meeting.

Part-time undergraduate representative Claire Johnson proposed the motion because of concerns about conflict of authority within the policy, and administration and violations of the policy. "A professor and class may agree on a marking system, but this may be overruled by the divisional marks review committee," Johnson said in an interview. "Nowhere does the policy state what the relationship is between these two jurisdictions, and neither does it lay down guidelines for the review committees to follow."

David Cook, vice-provost (staff functions), said the intent of the policy is to ensure fairness and uniformity of grading throughout the University. Disparities can arise, for example, in large courses with sections taught by different professors. Divisional review committees are charged with eliminating obvious discrepancies. Professors may give marks to students, said Cook, but until the marks have been approved by a review

committee, they should be identified as "recommended" rather than final.

Earlier this year, the ombudsman's annual report had stated a concern with application of the policy, citing the case of a course at Scarborough College. Students had been given marks by their professor, only to have them lowered after they had been looked at by the divisional marks review committee.

Nominations invited for physical and health education council

The new constitution of the School of Physical & Health Education calls for the appointment of three members of the University faculty to represent the University at large on the school council. The appointments will be made by the chairman of the council for a one-year term beginning September 1985. The council meets on average four to six times a year.

Written nominations will be received until August 1 by the council secretary, Peter Tiidus, School of Physical & Health Education, 320 Huron St.

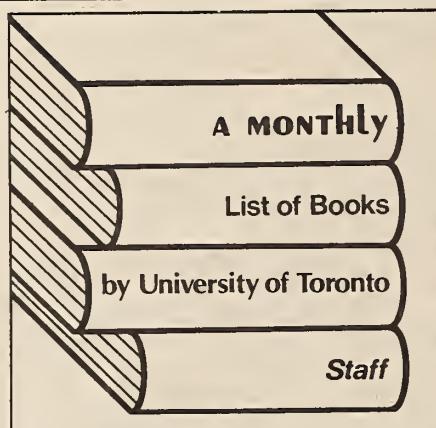
Books

June

Public Policies and Political Development in Canada, by Ronald Manzer (U of T Press; 256 pages; \$25 cloth; \$12.95 paper). A variety of political objectives and ideological principles — conservative, liberal and socialist — have shaped the public policies of successive Canadian governments. Manzer examines the development of those policies throughout Canada's history and concludes that they have been overwhelmingly drawn from the tenets of British and American liberalism.

Identity of the Literary Text, edited by Mario Valdes and Owen Miller (U of T Press; 352 pages; \$37.50 cloth; \$14.95 paper). Fifteen scholars, many with world-wide reputations, address the question of what constitutes a literary text. Their essays are arranged in five sections: textuality and intertextuality, textual deconstructionism, hermeneutics, analytical construction and ideological perspective.

Schede di Lavoro, by Raffaella Maiguasheca, Marina Frescura, Luisa Karumanchiri, Jana Vizmuller-Zocco* (U of T Press; various pagings; workbooks 1 and 2 — \$18 and \$14; paper). For post-secondary students at intermediate and advanced levels of training in Italian, this practical workbook in two parts offers intensive practice in all areas of grammar, with emphasis on the use of vocabulary. A teacher's manual accompanies each of the two workbooks.



May

The Structure of the Canadian Capitalist Class, edited by Robert J. Brym (Garamond Press, 174 pages; \$12.95; paper). The eight essays in this volume were written mainly by current and past University of Toronto sociologists. They take stock of existing studies and report the results of ongoing research. Most of the essays are revised versions of papers presented at the November 1983 conference "The Structure of the Canadian Capitalist Class" held at U of T.

One Hundred Most Frightening Things, by Jim Smith (blewomentpress; 96 pages; \$6.95; paper). In this collection of poetry and prose, Smith writes of his own failings, psychiatry, sex, torture, epistemology, vanguardism, family and a list of fears which the reader can compare with his or her own.

Catching Up

January

The MK Process and Stellar Classification, edited by Robert F. Garrison (David Dunlap Observatory; 468 pages; \$55 cloth; \$30 paper). This book contains detailed reviews of the state-of-the-art of classification of stellar spectra. The MK Process,

clearly defined here for the first time, is an approach to the classification of specimens and can be used in a wide variety of applications.

U of T staff are indicated by an asterisk when there is multiple authorship or editorship which includes non-U of T staff.

In Memoriam

Winifred Glen Barnstead, Faculty of Library & Information Science, June 5.

Miss Barnstead, who was the director of the School of Library Science, was in her 101st year. She had received an honorary LLD from U of T in 1972 for her leadership in library education, her service to the University, and her contribution to the profession of librarianship in Canada.

Born in Halifax and educated at Dalhousie, Miss Barnstead went on to Princeton to train as an assistant in the library there, then took a job in 1909 as joint head of cataloguing for the Toronto Public Library. In 1912 she became head of the department. Subsequently she acted as an instructor in cataloguing and as head of the various library

training courses sponsored by the Ontario Department of Education. She was one of the first in Canada to recognize the need for university-sponsored training of librarians.

In 1928, when the Board of Governors of the University of Toronto received a request from the minister of education for assistance in training librarians, the dean of the College of Education, to which the new school was to be attached, advised the president to appoint Miss Barnstead director. She stayed until her retirement in 1951, establishing first a diploma course, then a one-year bachelor of library science program and, in 1950, a master of library science program, the first of

C. Roger Myers, professor emeritus and former chairman of the Department of Psychology, June 5.

Myers was born in 1906 and educated at the University of Toronto, receiving his BA in 1927, his MA in 1929 and his PhD in 1937. He taught psychology at U of T from 1931 to his retirement in 1972, serving as chairman from 1956 to 1968 and as an associate dean of the School of Graduate Studies from 1956 to 1962.

Myers' appointment as chairman of the department

changed the direction of studies in psychology at U of T. As he hired new faculty members, he established an emphasis on scientific experimentation rather than on clinical and philosophical studies in psychology. In 1958, anticipating a rapid expansion, he called for a study of goals and means of graduate training for research.

A special interest in recent years was the history of psychology. He was the co-author, with Mary J. Wright, of *The History of Academic*

Edward J. (Tedd) Whitwell, a caretaking supervisor at Erindale College, June 5.

As well as being admired for his personal warmth, Whitwell, 58, a veteran of the British Royal Navy, was known for his steadfastness in the face of emergencies. During the evacuation of Mississauga due to the danger from leaking chlorine gas tankers in 1979, Whitwell decided to stay at the college to care for the laboratory animals. Principal Paul Fox said at the time

that had it been wartime, Whitwell would have been decorated. In fact, Whitwell did see action after joining the Royal Navy as a stoker in February 1945. Among his first assignments was participating in clean-up operations in Hiroshima. Four years later he was a crewman on the corvette HMS Amethyst during the attempts to evacuate British civilians from China. In an internationally reported incident, Amethyst crewmen, at

night, cut the cables anchoring a ship holding civilians in the middle of the Yangtze River. Despite the presence of Chinese guards, they managed to attach the holding ship to the Amethyst and tow the vessel out to sea.

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University of Toronto

Combined Financial Statements

April 30, 1985

REPORT OF THE VICE-PRESIDENT – BUSINESS AFFAIRS

CURRENT OPERATING FUND

The Current Operating Fund result is a deficit of \$484 thousand for the fiscal year ended April 30, 1985 after transfers, appropriations and a provision for accrued salaries and benefits for faculty and librarians resulting from the recent mediated settlement for 1984-85. This increased the cumulative operating fund deficit from \$1.0 million at the beginning of the year to \$1.5 million at the end of the fiscal year.

Total University operating income for 1984-85 increased over the previous year by \$14.5 million (4.3%) to \$355.6 million.

Approximately 93% of Current Operating Fund income is derived from Government grants and student fees, which increased by \$12.5 million (3.9%) to \$330.6 million in 1984-85. The remainder of the University's income is derived from sales, services, sundry income, investment income and other grants which increased by approximately \$1.9 million.

Actual enrolment in 1984-85 was about 2.3 per cent (795 full-time equivalents) below the target on which the 1984-85 budget was predicated. The shortfall was not concentrated in any single program. In most cases it was due to lower rates of retention of students in upper years. The rates by which students choose to continue their studies are difficult to predict and cannot be controlled.

Since the formula by which the Ministry of Colleges and Universities allocates funds to the province's universities is still under review, it is, on the one hand, difficult to forecast the implications of enrolment fluctuations and, on the other hand, prudent to maintain enrolment at approximately current levels even though they are about eight per cent above the University's planned capacity. For 1985-86, enrolment target levels will restore about three-quarters of the enrolment shortfall that occurred in 1984-85. If these levels prevail again in 1986-87, all of the shortfall will have been restored.

For Ontario universities overall, 1985-86 will be the first year since 1977-78 when applications for admission from Grade 13 will decline. Applications for all Ontario universities are down by 0.7 per cent, but the trend for the University of Toronto is the opposite: applications are up by one per cent and the first-choice applications are up by 0.2 per cent.

If actual enrolment in the University system in 1985-86 reflects the pattern of applications, it is both possible and probable that the University of Toronto's share of system funding will increase in 1986-87 as a result of enrolment in 1985-86.

Table I provides comparative student enrolment for the last 4 years.

The report of the Commission on the Future Development of the Universities of Ontario (the Bovey Commission) contains several recommendations that, if approved, could be financially advantageous to the University. There are no indications that these recommendations will be approved. Even if they are approved, they will have few immediate effects and therefore could not form the basis of the University's current financial plans.

The source and distribution of the Current Operating Fund for the past five years are shown in Table II.

ANCILLARY OPERATIONS

On January 21, 1985 the Business Affairs Committee, pursuant to a resolution of the Governing Council passed on April 19, 1984, approved the sale to International Thomson Limited of all the issued and outstanding shares in the capital of UTLAS Inc. As part of the transaction, the University has entered into a long-term agreement with UTLAS Inc. under which UTLAS will continue to be the exclusive provider of current cataloguing services and the University will co-operate with UTLAS Inc. in developing alternative means of providing automated services. The substantial costs incurred by the University, amounting to \$11.2 million which have been transferred to the Current Operating Fund and reported as a deficit of discontinued ancillary, will be reduced by the annual fee over the term of the agreement.

The remaining incorporated ancillary operations are The Frederick Harris Music Co. Limited and the University of Toronto Innovations Foundation.

The Frederick Harris Music Co. Limited is a music publishing business originally founded in England in 1904. The Canadian company was established in 1910. In 1944 the owner, Frederick Harris, transferred the shares of the company to the then Toronto Conservatory of Music to be held in trust with the requirement that profits be used for the benefit of the Conservatory. Since 1954, when 'The Royal Conservatory of Music of Toronto Act' vested all the assets of the Conservatory in The Governing Council of the University of Toronto, the University has managed the company, paying all profits not required

to maintain the business to the Conservatory in the form of royalties and scholarships. Over the past five years in excess of \$1 million has flowed to the Conservatory.

In order to assist the Innovations Foundation in meeting its long-term objective of raising money for the University through the transfer of technology under the University's Innovation Policy, the Governing Council recognized the need for further short-term support for the Foundation. Effective November 1, 1984, \$1.5 million of the Connaught Fund assets were set aside in a special trust account for up to five years with the earnings on this fund to be used to support the operating budget of the Foundation. At the end of five years, or sooner, the full amount of the trust fund will again become part of the normal Connaught Fund assets.

The net income for 1984-85, before commitments and transfers, of the unincorporated operations, parking, residences, food and beverage services, Hart House, Guidance Centre, University of Toronto Press and The Royal Conservatory of Music of Toronto amounted to \$468 thousand in aggregate.

Erindale College is constructing 140 additional residence spaces, which will be completed by the fall of 1985, at an estimated cost of \$2.5 million.

CAPITAL FUNDS

Last year I reported on four major capital projects in progress. Three of the projects – the Faculty of Dentistry building addition and renovation, the Varsity Arena renovation, and the Koffler Student Services Centre building were all nearing completion at April 30, 1985. The aggregate cost of these three projects will amount to slightly in excess of \$30 million. The fourth and largest project – the Natural Resources Centre – is well advanced in the planning stages and is scheduled for completion in 1988.

The University of Toronto Press Bookstores will move to the Koffler Student Services Centre and will relinquish responsibility for the Bookroom building at 21 King's College Circle. This asset has been transferred internally from the Press to University operations, resulting in a \$2.1 million transfer from the University's capital fund to the Press. These funds were used by the Press to reduce its debt to the University's operating fund.

Provincial capital grants received from the Ministry of Colleges and Universities during 1984-85 amounted to approximately \$3.3 million, comprised of \$350 thousand as a special grant towards the Natural Resources Centre and slightly under \$3 million in regular capital grants.

The total amount of regular capital funds – the source of funds which universities rely on for repairing and renewing their physical plants – has not increased since the early 1970's. The amount available was not adequate to meet our most pressing needs then, and is woefully inadequate to do so now.

Not only is the level of funding wholly inadequate, but the University's priorities for funding have in some instances been passed over in favour of projects that were assigned a lower priority. In a climate of under-funding, the establishment of priorities takes on a heightened importance, and it is therefore distressing to see that the Province does not permit the University to make its own difficult choices in deciding how to slice a very thin pie.

Capital trust funds at April 30, 1985 of \$9.5 million included \$6.5 million for specific projects and \$3.0 million for the following purposes:

- i to finance projects that are only partially funded by the government;
- ii to finance those projects for which government support is unlikely at current funding levels;
- iii to provide bridge financing for projects which must proceed urgently and for which government funding is likely to be received at a later date;
- iv to finance the academic early retirement programme approved by the Governing Council in 1983.

RESTRICTED FUNDS

The income components of restricted funds (statement 2) consist of government research grants of \$64.0 million, contract research of \$9.6 million, donations of \$26.4 million, other grants from associations, foundations, business and industry of \$19.5 million and investment income of \$15.0 million.

In November 1984 a major portion of the John W. Billes estate was distributed to various charities and organizations. The University's share amounted to \$12.2 million. The principal amount has been endowed and the income earned will be used for scholarships, bursaries and medical

research in accordance with the John W. Billes will.

At April 30, 1985, the market value of restricted funds investments amounted to \$215.0 million, approximately \$16.2 million in excess of cost.

COMBINED OPERATIONS

The source and distribution of the University's combined funds for the 1984-85 fiscal year are shown in Table III.

SALARIES AND BENEFITS

For both the 1984-85 year and the 1985-86 year, the cost of the recently mediated agreement with faculty and librarians exceeds the provisions made in the budgets. The excess for the two years taken together is approximately \$2.4 million. Of this amount, approximately \$900 thousand relating to 1984-85 has been accrued in the 1984-85 financial statement and forms part of the cumulative deficit at April 30, 1985. If

revenue and expenditures for 1985-86 were exactly as anticipated in the budget, we would have on April 30, 1986 a cumulative deficit of approximately \$3 million. If no changes were made in the budget for the following year, 1986-87, we would anticipate a further operating deficit for that year of \$1.3 million.

It is, of course, highly unlikely that revenue and expenditures for 1985-86 would conform exactly to the budget, even without specific intervention. Some of the variables which must be taken into consideration are:

- i the basic operating income from government grants;
- ii the cost of salary settlements for employees other than faculty and librarians;
- iii the cost of benefits;
- iv a number of miscellaneous factors with respect to both revenue and expenses.

In light of these circumstances, adjustments will be made to the budget for 1985-86 where this can be done without affecting divisional operations and divisions will be encouraged during the course of the year to make such adjustments as are feasible in the light of divisional plans and the long-term financial outlook.

A.C. Pathy
Vice-President - Business Affairs

June, 1985

TABLE I

Comparative Student Enrolments, Full-Time Equivalents and Funding Units

	Annual Enrolments				Full-Time Student Equivalents			
	1984-85	1983-84	1982-83	1981-82	1984-85	1983-84	1982-83	1981-82
REGULAR SESSION								
(Undergraduate and Graduate)								
-Full-time	33,754	34,450	33,395	34,048	32,338	33,249	32,257	32,962
-Part-time	14,442	14,415	14,001	13,751	4,618	4,471	4,342	4,094
SUMMER SESSION	20,408	20,526	20,454	18,953	7,230	7,209	7,138	6,553
TOTAL	68,604	69,391	67,850	66,752	44,186	44,929	43,737	43,609
Made up of:								
Undergraduate	57,711	58,578	57,222	56,466	35,428	36,355	35,423	35,619
Graduate	10,893	10,813	10,628	10,286	8,758	8,574	8,314	7,990
	68,604	69,391	67,850	66,752	44,186	44,929	43,737	43,609
FUNDING UNITS								
<i>Old Formula</i>								
Undergraduate – Basic Income Units (B.I.U.)					56,630	56,105	55,553	54,703
– Unit Value					\$ 4,128	\$ 3,962	\$ 3,749	\$ 3,368
Graduate – Graduate Funding Units (G.F.U.)					17,308	17,062	16,889	16,797
– Unit Value					\$ 4,026	\$ 3,864	\$ 3,656	\$ 3,284
<i>New Formula</i>								
Base – B.I.U.'s and G.F.U.'s combined					73,007			
– Unit value					\$ 3,124			
Moving average – B.I.U.'s and G.F.U.'s combined					76,888			
– Unit Value					\$ 977			
PROVINCE OF ONTARIO FORMULA GRANTS					\$256,343	\$244,213	\$229,500	\$204,681

Enrolment data does not include the Ontario Institute for Studies in Education, The Toronto School of Theology and non-credit course enrolments. The funding units are averaged and discounted and therefore do not coincide directly with annual enrolments.

For 1984/85 the Province of Ontario Formula Grant was determined by reference to income units and unit values which for 1984-85 had two schedules, one accounting for two-thirds and the other for one-third of the operating grant.

TABLE II

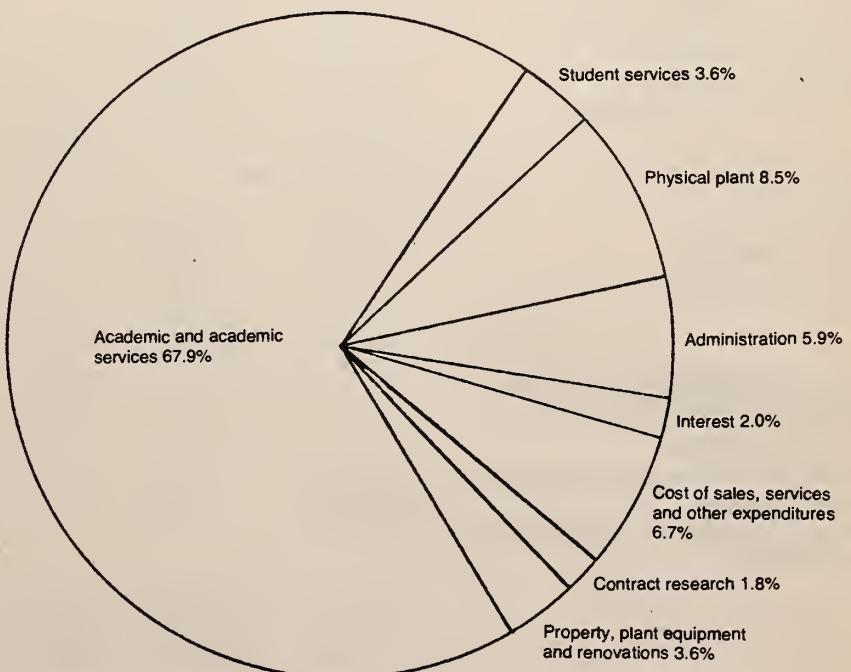
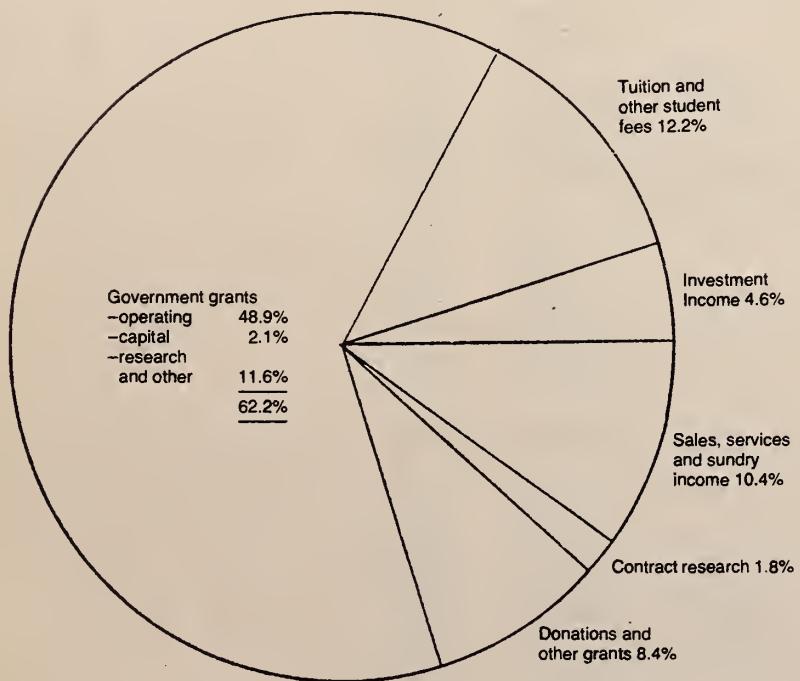
Source and Distribution of the University Current Operating Fund for the Years Ended April 30, 1981 to 1985

	1985	1984	1983	1982	1981
INCOME					
Government grants	75.6%	76.2%	76.5%	76.2%	77.4%
Student fees	17.4%	17.0%	16.3%	15.7%	15.5%
Other income	7.0%	6.8%	7.2%	8.1%	7.1%
	100.0%	100.0%	100.0%	100.0%	100.0%
EXPENDITURES					
Academic and academic services	73.5%	73.1%	72.2%	71.8%	72.0%
Physical plant -maintenance and utilities	11.9%	11.8%	12.0%	12.6%	12.4%
-renovations and directed government grants	0.2%	0.4%	1.1%	0.5%	0.2%
Administration	6.7%	6.8%	6.6%	6.9%	6.7%
Interest and expense	3.2%	3.9%	3.7%	4.3%	5.0%
Student services and assistance	3.8%	3.4%	3.6%	3.4%	3.3%
Other expenditures	0.7%	0.6%	0.8%	0.5%	0.4%
	100.0%	100.0%	100.0%	100.0%	100.0%

TABLE III

Source and Distribution of Combined University Funds for the Year ended April 30, 1985

INCOME	EXPENDITURES
Current operating fund	\$353,185,000
Ancillary operations	46,212,000
Capital funds	17,746,000
Restricted funds	108,452,000
	\$525,595,000



Clarkson Gordon

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AUDITORS' REPORT

To the Members of The Governing Council of
University of Toronto:

We have examined the combined financial statements of University of Toronto for the year ended April 30, 1985 comprising the following:

Statement of financial position
Statement of changes in fund balances
Schedule of funds committed for specific purposes
Schedule of property, plant and equipment
Schedule of equity in property, plant and equipment
Schedule of restricted funds

Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests and other procedures as we considered necessary in the circumstances.

In our opinion, these combined financial statements present fairly the financial position of the University as at April 30, 1985 and the results of its operations for the year then ended in accordance with accounting principles described in note 1 to the combined financial statements applied on a basis consistent with that of the preceding year.

Clarkson Gordon

Toronto, Canada,
June 4, 1985.

Chartered Accountants

University of Toronto
Statement of Financial Position

Statement 1

April 30, 1985
(with comparative totals at April 30, 1984)
(thousands of dollars)

	Current Operating Fund	Ancillary Operations	Capital Funds	Restricted Funds	1985 Total	1984 Total
ASSETS					(Restated note 7)	
Cash	\$ 69	\$ 684		\$ 1,184	\$ 1,937	\$ 1,488
Accounts receivable	10,667	5,033		94	15,794	15,284
Supplies and prepaid expenses	892	5,510			6,402	6,027
Interfund accounts (note 7)	1,091	(591)	\$ 94	(594)		
Investments (note 2)	16,003	2,758	11,133	198,776	228,670	199,934
Property, plant and equipment		24,713	731,754		756,467	727,329
	\$28,722	\$38,107	\$742,981	\$199,460	\$1,009,270	\$950,062
LIABILITIES						
Bank indebtedness	\$ 1,535	\$ 1,423			\$ 2,958	\$ 2,135
Accounts payable	22,938	5,288	\$ 2,564		30,790	31,500
Unearned income	1,557	2,571			4,128	4,461
Long-term debt (note 4)		12,651	140,933		153,584	152,190
	26,030	21,933	143,497		191,460	190,286
EQUITY IN PROPERTY, PLANT AND EQUIPMENT		9,169	589,940		599,109	567,152
FUND BALANCES						
Funds committed for specific purposes	15,479	2,175	9,544	\$ 72,980	100,178	95,778
(Deficit) surplus	(1,520)	4,830			3,310	1,731
Deficit of discontinued ancillary (note 7)	(11,267)				(11,267)	(12,273)
Endowed funds				126,480	126,480	107,388
	2,692	7,005	9,544	\$199,460	218,701	192,624
	\$28,722	\$38,107	\$742,981	\$199,460	\$1,009,270	\$950,062

On behalf of the Governing Council:


Chairman of the Governing Council


President

(See accompanying notes to financial statements)

University of Toronto
Statement of Change In Fund Balances

For the Year ended April 30, 1985
 (with comparative totals for the year ended April 30, 1984)
 (thousands of dollars)

	Current Operating Fund	Ancillary Operations	Capital Funds	Restricted Funds	1985 Total	1984 Total
INCOME						(Restated note 7)
Government grants	\$268,880	\$ 445	\$11,433	\$ 64,089	\$344,847	\$330,629
Student fees	61,683	5,720			67,403	63,631
Sales, services and sundry income	16,209	40,365	804		57,378	51,178
Contract research				9,583	9,583	7,818
Investment income	8,678	371	1,155	15,024	25,228	22,494
Donations				268	26,357	26,625
Other grants	105				19,497	19,602
	<u>355,555</u>	<u>46,901</u>	<u>13,660</u>	<u>134,550</u>	<u>550,666</u>	<u>506,236</u>
EXPENDITURES						
Academic	231,037	4,021		93,217	328,275	314,082
Academic services	28,572			157	28,729	24,503
Student services and assistance	13,211			5,501	18,712	17,729
Operation and maintenance of physical plant	42,308	2,442			44,750	43,329
Administration	23,535	7,357			30,892	29,634
Interest expense (note 4)	9,681	929			10,610	10,734
Cost of sales and services		30,952			30,952	26,404
Contract research				9,577	9,577	7,738
Renovations	805		8,206		9,011	4,202
Property, plant and equipment		79	9,540		9,619	9,854
Depreciation		389			389	355
Other expenditures	4,036	43			4,079	3,905
	<u>353,185</u>	<u>46,212</u>	<u>17,746</u>	<u>108,452</u>	<u>525,595</u>	<u>492,469</u>
INCREASE (DECREASE) IN FUND BALANCES BEFORE THE FOLLOWING						
Transfer between funds	2,370	689	(4,086)	26,098	25,071	13,767
Net gain/(loss) of discontinued ancillary (note 7)	822	1,540	1,434	(3,796)		
	<u>1,006</u>				<u>1,006</u>	<u>(6,506)</u>
NET INCREASE (DECREASE) IN FUND BALANCES FOR THE YEAR	<u>\$4,198</u>	<u>\$2,229</u>	<u>\$(2,652)</u>	<u>\$22,302</u>	<u>\$26,077</u>	<u>\$ 7,261</u>
Changes for the year in individual funds:						
Increase (decrease) in funds committed for specific purposes	\$ 3,676	\$166	\$(2,652)	\$ 3,210	\$ 4,400	\$ 9,263
Increase in (deficit) surplus	(484)	2,063			1,579	748
Decrease (increase) in deficit of discontinued ancillary (note 7)	1,006				1,006	(6,506)
Increase in endowed funds				19,092	19,092	3,756
FUND BALANCES, BEGINNING OF YEAR	<u>4,198</u>	<u>2,229</u>	<u>(2,652)</u>	<u>22,302</u>	<u>26,077</u>	<u>7,261</u>
FUND BALANCES, END OF YEAR	<u>(1,506)</u>	<u>4,776</u>	<u>12,196</u>	<u>177,158</u>	<u>192,624</u>	<u>185,363</u>
	<u>\$2,692</u>	<u>\$7,005</u>	<u>\$ 9,544</u>	<u>\$199,460</u>	<u>\$218,701</u>	<u>\$192,624</u>

(See accompanying notes to financial statements)

**University of Toronto
Schedule of Funds Committed for Specific Purposes**

Schedule 1

For the Year ended April 30, 1985
(thousands of dollars)

	Balance, beginning of year	Amounts committed during the year	Deduct expenditures incurred during the year	Net increase (decrease)	Balance, end of year
CURRENT OPERATING FUND (note 3(a))					
Carryforward of divisional appropriations	\$ 6,216	\$ 7,587	\$ 5,600	\$ 1,987	\$ 8,203
Purchase order commitments	4,127	5,557	4,127	1,430	5,557
Alterations and renovations	1,460	1,064	805	259	1,719
	<u>11,803</u>	<u>14,208</u>	<u>10,532</u>	<u>3,676</u>	<u>15,479</u>
ANCILLARY OPERATIONS (note 3(b))					
Replacement of non-depreciable equipment	585	303	153	150	735
Alterations and renovations	1,424	514	498	16	1,440
	<u>2,009</u>	<u>817</u>	<u>651</u>	<u>166</u>	<u>2,175</u>
CAPITAL FUNDS (note 3(c))					
General building programme	9,062	16,240	19,434	(3,194)	5,868
Parking facilities	1,475	336		336	1,811
Residences	1,659	206		206	1,865
	<u>12,196</u>	<u>16,782</u>	<u>19,434</u>	<u>(2,652)</u>	<u>9,544</u>
RESTRICTED FUNDS (note 3(d))					
Assisted research	30,754	96,876	91,848	5,028	35,782
Other expendable funds	39,016	14,786	16,604	(1,818)	37,198
	<u>69,770</u>	<u>111,662</u>	<u>108,452</u>	<u>3,210</u>	<u>72,980</u>
TOTAL FUNDS COMMITTED FOR SPECIFIC PURPOSES					
	<u><u>\$95,778</u></u>	<u><u>\$143,469</u></u>	<u><u>\$139,069</u></u>	<u><u>\$4,400</u></u>	<u><u>\$100,178</u></u>

(See accompanying notes to financial statements)

**University of Toronto
Schedule of Property, Plant and Equipment**

Schedule 2

April 30, 1985
(with comparative totals at April 30, 1984)
(thousands of dollars)

	Ancillary Operations	Capital Funds	1985 Total	1984 Total
PROPERTY, PLANT AND EQUIPMENT AT COST				
(note 1(h))				
Land	\$ 18	\$ 30,522	\$ 30,540	\$ 30,540
Buildings	21,144	426,384	447,528	437,444
Furniture and equipment	7,893	215,331	223,224	212,203
Library books		59,517	59,517	54,428
	<u>29,055</u>	<u>731,754</u>	<u>760,809</u>	<u>734,615</u>
LESS: ACCUMULATED DEPRECIATION	<u>4,342</u>		<u>4,342</u>	<u>7,286</u>
BOOK VALUE	<u><u>\$24,713</u></u>	<u><u>\$731,754</u></u>	<u><u>\$756,467</u></u>	<u><u>\$727,329</u></u>

(See accompanying notes to financial statements)

**University of Toronto
Schedule of Equity in Property, Plant and Equipment**

Schedule 3

For the Year Ended April 30, 1985
(with comparative totals for the year ended April 30, 1984)
(thousands of dollars)

	Ancillary Operations	Capital Funds	1985 Total	1984 Total
BALANCE, BEGINNING OF YEAR	\$9,091	\$558,061	\$567,152	\$533,993
ADD:				
Mortgage principal repayments	78		78	74
Capital funds expended on -				
Buildings		3,657	3,657	3,390
Equipment		1,025	1,025	1,841
Current operating funds expended on -				
Equipment		7,090	7,090	8,089
Library Books		5,089	5,089	5,244
Computer leases		854	854	877
Restricted funds expended on equipment		9,445	9,445	9,230
Province of Ontario grants for debenture principal repayments		4,858	4,858	4,552
	<u>9,169</u>	<u>590,079</u>	<u>599,248</u>	<u>567,290</u>
LESS:				
Disposal of assets		139	139	138
BALANCE, END OF YEAR	\$9,169	\$589,940	\$599,109	\$567,152

(See accompanying notes to financial statements)

**University of Toronto
Schedule of Restricted Funds**

For the Year Ended April 30, 1985
(thousands of dollars)

	Endowed (and quasi-endowed) funds				Expendable funds					
	Balance April 30, 1984	Donations and other additions	Transfers	Balance April 30, 1985	Balance April 30, 1984	Grants and other additions	Investment income	Transfers	Disbursements	Balance April 30, 1985
Student aid	\$ 18,535	\$ 8,103	\$(1,605)	\$ 25,033	\$ 7,759	\$ 2,727	\$ 2,260	\$ 138	\$ 5,501	\$ 7,383
Departmental funds	9,030	1,304	2,524	12,858	13,447	6,015	2,222	1,785	7,192	16,277
Research funds	12,136	5,040	241	17,417	30,754	91,627	2,526	2,723	91,848	35,782
Miscellaneous funds	3,792			3,792	4,429	3,058	743	(1,989)	1,886	4,355
Faculty endowment funds	10,257			10,257	213		1,040	(147)	1,106	
General endowment funds	3,134			3,134			281		281	
Connaught fund	44,245	539	240	45,024	1,741		3,987	(5,148)	125	455
Connaught/Innovations fund			1,501	1,501			96		84	12
Update fund					10,435	379	1,175	(3,824)	305	7,860
I'Anson fund	4,009		500	4,509	848		546	(735)		659
Ancillary operations	105,138	14,986	3,401	123,525	69,626	103,806	14,876	(7,197)	108,328	72,783
	795	178	54	1,027	144	71	148	(42)	124	197
	\$105,933	\$15,164	\$ 3,455	\$124,552						
Comprising:										
Endowed funds	\$ 33,753	\$ 1,655	\$ 1,112	\$ 36,520						
Quasi-endowed funds	72,180	13,509	2,343	88,032						
Total	105,933	15,164	3,455	124,552						
Realized net gain and undistributed income on investments	1,455	473		1,928						
TOTAL FUND BALANCE	\$107,388	\$15,637	\$ 3,455	\$126,480	\$69,770	\$103,877	\$15,024	\$(7,239)	\$108,452	\$72,980

(See accompanying notes to financial statements)

**University of Toronto
Notes to Combined Financial Statements
April 30, 1985**

1 Summary of significant accounting policies and reporting practices
The financial statements have been prepared in accordance with accounting principles generally accepted for universities consistently applied within the framework of the accounting policies summarized below:

(a) Combined financial statements –

The financial statements of the University reflect the assets, liabilities, equity in property, plant and equipment, fund balances, income, expenditures and other transactions of the following individual fund groups which include all of the organizations under the jurisdiction of the Governing Council:

Fund Groups

 Current Operating Fund
 Ancillary Operations
 Capital Funds
 Restricted Funds

Interfund balances and transactions have been eliminated on combination.

(b) Fund accounting –

The accounts of the University are maintained in accordance with the principles of fund accounting in order that limitations and restrictions placed on the use of available resources may be observed. Under fund accounting, resources for various purposes are classified for accounting and reporting purposes into funds in accordance with activities or objectives specified. For financial reporting purposes, the University has combined funds with similar characteristics into the four fund groups noted above.

The Current Operating Fund accounts for the costs of academic, administrative and other operating expenditures of the University financed by fees, grants and other general in-

come. It also records the assets, liabilities, funds committed for specific purposes and cumulative deficit relating to regular academic and administrative operations.

The Ancillary Operations group includes the following operations:

Unincorporated –
 Parking
 Residences
 Food and Beverage Services
 Hart House
 Guidance Centre
 University of Toronto Press
 Royal Conservatory of Music of Toronto

Incorporated –
 The Frederick Harris Music Co. Limited
 The University of Toronto Innovations Foundation

Expenditures for ancillary operations include both direct and indirect costs. Parking, residences, food and beverage services are operated on a fee-for-service basis.

Restricted funds of certain ancillary operations are included in the restricted funds group.

The Capital Funds group accounts for amounts expended and funds available to be spent on the building programme and includes funds to construct future parking facilities and to replace Devonshire House but excludes those of other ancillary operations. Capital funds include land, buildings and properties owned by the University and investments held for the building programme other than buildings, or substantial portions thereof, used exclusively for ancillary operations, capital equipment of ancillary operations and investments and funds held for the ancillary operations' building programme, which are recorded under ancillary operations.

The Restricted Funds group accounts for funds received for research and other special purposes other than building and operating programmes. As

noted above, restricted funds of certain ancillary operations are included in this group of accounts. Some donations are in the form of an endowment whereby only the income earned on the funds is expendable for the special purposes designated; other donations are fully expendable for designated purposes. The endowed fund category includes quasi-endowed funds designated as endowed by the Governing Council in the exercise of its discretion, rather than as a result of externally imposed restrictions. In such cases, the Governing Council may subsequently decide at any time to expend the principal. Assets consist of investments held for endowments, and cash and other investments available for expenditure.

(c) Federated and affiliated organizations –

These financial statements do not include the assets, liabilities and operations of the three federated universities: Trinity College, University of St. Michael's College and Victoria University, each of which is a separate corporate body with separate financial statements or those organizations affiliated with the University under the memorandum of agreement with the Toronto School of Theology. However, the current operating fund does include certain income and expenditures with respect to the University arts and science programme at three federated universities. Income from student fees and government grants with respect to students registered in the arts and science programme are included as income in the current operating fund, and academic salaries for federated university faculty appointed to the University of Toronto and teaching in the arts and science programme as well as grants to the three federated universities from the University are included as expenditures in the current operating fund.

(d) Accrual accounting –

The University follows the accrual method of accounting, recording income when earned and expenditures when incurred, except for research leave, assisted research and debenture interest (note 1(i)) which are recorded on a cash basis. Vacation pay is accrued during the year for employees paid on an hourly basis but not for salaried employees.

(e) Investments –

In the financial statements, investments are reported as follows:

(i) Fixed income investments are carried in the accounts at amortized cost plus accrued interest. When such investments are sold to permit re-investment, any gain or loss on sale is adjusted against the book value of the investments and amortized according to the maturity of the securities sold.

(ii) Equity investments are carried in the accounts at cost. When such investments are sold to permit re-investment, any gain or loss is added to or deducted from the capital of the fund.

(f) Inventory valuation –

Supplies and other inventories are stated substantially at the lower of average cost and market.

(g) Pension plan funding –

The accounting policy followed with respect to the funding of the University's pension plan is to charge against operations payments towards any unfunded liability, during the year in which such payments are made.

(h) Property, plant and equipment –

Land is carried at cost. Buildings and equipment acquired prior to June 30, 1971 are carried substantially at appraised values at that date. The subsequent acquisition of new prop-

erties, construction costs and equipment for new or rehabilitated buildings are carried at cost within the capital funds group. In the case of ancillary operations, buildings and equipment are carried at cost less accumulated depreciation.

Current Operating Fund expenditures include the acquisition cost as incurred of all equipment and library books, with the exception of computer equipment costing more than \$500,000. The cost of such computer equipment is amortized as a charge to operations on a straight-line basis over the lesser of seven years or the estimated useful life of the equipment.

Ancillary Operations record depreciation on buildings and equipment on the straight-line or declining balance basis, as an operating expense. In the case of residences and other buildings subject to mortgage, the annual mortgage payments are expensed in lieu of depreciation.

The building, works of art and books of Hart House are not reflected in the financial statements.

The University holds title to the lands and original buildings of Sunnybrook Hospital which it acquired for the sum of \$1. The property is leased in perpetuity to and operated by the Board of Trustees of Sunnybrook Hospital, a separate corporation.

(i) Interest expense on debentures -

Interest expense includes interest on debentures. The Province of Ontario makes grants equal to the annual payment of debenture principal and interest as they become due on debentures already issued to the Ontario Universities Capital Aid Corporation. As it is expected the Province of Ontario will continue to make these grants to the University, interest expense is recorded in the accounts on a cash basis to correspond with the interest portion of grants received. The interest accrued on these debentures but not recorded in the accounts at April 30, 1985 amounted to \$3,979,000 (\$4,123,000 at April 30, 1984).

2 Investments

The market value of the investments at April 30, 1985 was \$244,997,000 (1984 - \$208,437,000). The cost of the investments at April 30, 1985 was \$228,670,000 (1984 - \$199,934,000).

3 Funds committed for specific purposes

(a) Current Operating Fund

The commitment of funds for specific purposes reflects the application of the Governing Council policy as follows:

(i) Carry-forward of divisional appropriations - In order to encourage the judicious timing and purposes of expenditures, the Governing Council has approved a policy of permitting divisions to carry forward unspent appropriations in one year for expenditure in the following year.

(ii) Purchase order commitments - At each fiscal year end,

there are a number of unfilled purchase orders, for which funds have been committed but for which the expense is not recorded until the goods or services are received in the following year.

(iii) Alteration and renovation projects in progress - These funds represent the unspent appropriations in respect of such approved projects in progress at the end of the fiscal year.

(b) Ancillary Operations

The commitment of ancillary operations funds for specific purposes represents funds committed for the replacement of non-depreciable equipment, alterations and renovations.

(c) Capital Funds

Committed funds include monies held for the general building programme and specific projects for which government funding is not anticipated.

(d) Restricted Funds

Committed funds consist of grants and donations received for assisted research, student aid, and other restricted purposes but not yet expended.

4 Long-term debt

Long term debt consists of:

	1985	1984
Canada Mortgage and Housing Corporation	\$ 8,495,000	\$ 8,578,000
Province of Ontario Debentures	130,055,000	134,914,000
Financing for Dentistry Renovations	10,878,000	6,707,000
Demand Loans	4,156,000	
Other		1,991,000
	<u>\$153,584,000</u>	<u>\$152,190,000</u>

(a) The mortgages payable to the Canada Mortgage and Housing Corporation for residence buildings are payable over remaining terms of 19 to 44 years. The average interest rate paid on these mortgages during the current fiscal year was 7.4%.

(b) The Province of Ontario has provided capital funding in exchange for debentures of the University for the renovation of existing facilities and the construction of new facilities. Prior to April 30, 1979, the University issued thirty-year debentures to the Ontario University Capital Aid Corporation for the funds received. These debentures are payable in equal annual instalments of principal and interest and mature from 1994 to 2008. Funds for such payments are provided by Province of Ontario grants of like amounts as described in note 1(i) above. Interest is payable on the debentures at rates varying from 5 1/2% to 9 1/2% per annum.

Effective May 1, 1979, the Province of Ontario commenced financing capital projects by direct grants to universities.

(c) The University has entered into a financing arrangement with a bank in connection with the Dentistry renovation project. The balance outstanding as at April 30, 1985 is to be repaid by the University in equal annual instalments over 7

years. Interest is payable at prime. The Ontario Ministry of Health has agreed to reimburse the University for the payments due under this agreement.

(d) At April 30, 1985 demand loans were outstanding with certain trust companies with respect to recent residence construction at the Scarborough and Erindale Campuses and construction costs relating to the new book-store facilities in the Koffler Student Centre. These loans carry interest approximating prime lending rates.

It is the University's intention to formalize long-term borrowing arrangements with respect to these projects at an appropriate future date and prior to April 30, 1985 commitments had been obtained for the provision of such long-term financing when required. At April 30, 1985 however, such arrangements had not been formalized and the borrowings were on a demand loan basis.

5 Other commitments

(a) The estimated cost to complete capital projects in progress at April 30, 1985 which will be funded substantially by the government is approximately \$62,351,000 (1984 - \$74,398,000).

(b) The annual payments under various operating leases for which no liability has been recorded in these financial statements are approximately \$2,800,000 (1984 - \$3,500,000).

(c) Annual payments under various lease agreements entered into by the University on behalf of UTLAS amount to approximately \$2,500,000 reducing annually until expiry in 1991. Under the agreement covering the sale of UTLAS operations (note 7) UTLAS will reimburse the University the full amount of these lease payments.

6 Contingencies

The University has two programmes under which it guarantees bank loans to faculty and staff members to assist in the purchase or refinancing of their homes. The University holds mortgages as collateral security against such guarantees. At April 30, 1985, the amount of loans guaranteed was \$3,180,000 (1984 - \$3,764,000).

7 Sale of UTLAS Operations

(a) Effective January 25, 1985 the University disposed of its investment in UTLAS through a sale of its shareholding in UTLAS Inc. and certain assets owned by the University which are used within the UTLAS operations. The combined proceeds to the University arising from this sale amounted to \$1,061,000, before deduction of disposal costs.

The net impact of UTLAS operations on the combined financial statements of the University, including the net gain arising on the sale has been segregated from ongoing operations of the University in the Statement of Changes in Fund Balances under "Net gain/(loss) of discontinued ancillary". The results for 1984 have been restated to reflect this change. The net gain/(loss)

of discontinued ancillary is summarized as follows:

	1985	1984
Gain on sale of UTLAS	\$1,404,000	
Net loss to University of UTLAS operations for the year	(398,000)	(\$6,506,000)
Net gain/(loss) of discontinued ancillary	<u>\$1,006,000</u>	<u>(\$6,506,000)</u>

The assets and liabilities of UTLAS at April 30, 1984 are included in the 1984 comparative figures in the Statement of Financial Position.

(b) The University has entered into a contract with UTLAS for the exclusive provision by UTLAS of library automation services and products. In addition, the University has undertaken to provide UTLAS with access to library resources, consulting services and continued cooperation in the development of library automation services and market support and has agreed not to compete in any way with UTLAS products or services. The University will receive an annual fee based on UTLAS' library automation revenue during the term of the agreement.

(c) Immediately following the sale there remained a balance in the current operating fund of \$11,267,000 due from the ancillary operations representing the accumulated deficit from UTLAS operations to that date. Since UTLAS has been sold and is no longer an ancillary operation, the accumulated deficit of \$11,267,000 (1984 - \$12,273,000) has been included as part of the operating fund from which the original advance to UTLAS was made and the 1984 figures restated for comparative purposes. The accumulated deficit of UTLAS has been set up as a deficit of discontinued ancillary within the operating fund to be reduced by future fee payments from UTLAS under the agreement.

8 Pension Plan

The most recent actuarial valuation of the pension plan at July 1, 1984 indicated a plan surplus of approximately \$13,000,000 based on the actuarial valuation of assets of \$434,000,000 at that date.

Payments made against the previous unfunded pension liability and charged to operations in 1985 amounted to \$509,000 (1984 - \$509,000). As a result of the above noted surplus, such payments will be discontinued in 1986.

The amount of current service pension costs charged to operations for 1985 amounted to \$15,923,000 (1984 - \$16,071,000).

9 Comparative Figures

Certain of the comparative figures for 1984 have been reclassified to conform with the 1985 presentation.

Sculptor on physical plant staff wins gold medal in international competition

by Arthur Kaptainis

Attila Keszei, a mechanical engineer from the design, engineering and construction division of the Physical Plant Department, has won one of 14 gold medals awarded by an international Italian sculpture competition sponsored by the Dante Centre in Ravenna, Italy. Keszei was the creator of "The Iron Curtain", the large red-and-blue metal sculpture that turned heads when it was stationed at Victoria College as part of the University's Artwalk exhibition last summer.

The biennial competition, which admitted 400 artworks from 50 countries, required artists to represent one of about 30 chosen sequences from Dante's *The Divine Comedy*. Keszei's submission was a bronze medallion, eight inches in diameter, depicting the poet's sudden confrontation by an inhabitant of the inferno who wants to know how it is that Dante is free to come and go as he pleases. (*Inferno X*, lines 78-81.)

There were four individual prizes ranking above, and 11 honourable mentions ranking below, the 14 gold medal awards. Group prizes were also handed out, one to the Sculptors' Society of Canada, which submitted a total of 14 works. Keszei was the only Canadian honoured individually.



Keszei, who pursues his avocation in the evenings out of his studio at home, said he learned about the competition from a society newsletter last July. The deadline for photographs of submissions was October. Since he had finalized plans to spend time out of the country, this gave him about six weeks to complete the work.

Although some of his fellow sculptors were discouraged by the deadline and restrictions regarding subject matter, Keszei found the terms stimulating. "You can't just pull something off the shelf in this situation," he said. "Therein lies the challenge."

Keszei's medallion cost about \$300 in raw materials and process expenses.

The charge for shipping the 14 Canadian submissions to Italy amounted to about \$1,000 — a cost borne entirely by the artists.

The piece will remain on display at Ravenna until October. If not sold or inducted into the Ravenna Dante Centre — the asking price is \$700 — the artist will have to cover the expense of returning it to Canada.

There was one customer for "The Iron Curtain", Keszei said, who was willing to buy the sculpture on the condition that the political slogans on opposite sides of the curtain — "We save you from communism" and "We save you from capitalism" — be painted over. This was unacceptable. "It is not just an abstract work," he explained, "it's a statement."

African accident claims two lives

A study of the aboriginal bushmen of Botswana involving U of T anthropology professor Richard Lee ended abruptly and tragically June 16 when a vehicle carrying eight passengers overturned on a rural road, killing Melissa Knauer, 31, and Alex Lee, 15, son of Professor Lee and School of Graduate Studies associate dean Nancy Howell.

Knauer, who received her PhD from the anthropology department last fall, was described by department chairman Maxine Kleindienst as "absolutely one of the best we have produced in years". She was beloved as well as respected, added Kleindienst. "My whole department is in mourning."

Dean Howell was informed of the incident last Tuesday and left for Johannesburg, where the injured members of the party were taken. Prof. Lee suffered a separated shoulder.

The SSHRC-funded study, headed by York University professor Harriet Rosenberg, was to focus on aging among the !Kung bushmen of the northern plains of Botswana. Prof. Lee, now married to Rosenberg, was the former principal investigator. He is well-known for his pioneering ethnographic work among the !Kung.

Also in the group were David Lee, twin brother to Alex; Rosenberg's daughter, Miriam; York University professor Meg Luxton; and her son, Jan. Reports indicated that David suffered a vertebral injury and Luxton a broken collar bone.

Although Rosenberg was in charge of the project, Knauer, a York

teaching assistant, was to do the field work during the coming year. The others in the party had planned to return to Toronto in September. At press time, the six were confirmed on weekend flights to Toronto.

According to U of T anthropology graduate student Cathy Stewart, who had been in touch with a relative of one of the York professors, the land cruiser vehicle overturned after a rear tire blew out on a seldom-used road outside the eastern Botswana town of Francistown. The party was headed to Maun, the northern village nearest the !Kung settlements. Stewart said the cruiser was loaded with a substantial amount of equipment. After the accident, the survivors radioed for help.

A memorial service for members of the University community is planned later this week. For information, telephone Wanda Barrett at 978-5416.

U of T groups receive communications awards

Four awards were given to U of T by the Public Affairs Council for Education for "high achievement in communications" by information, public affairs and media relations offices, and development and alumni departments of Canadian universities and colleges.

Bliss wins historical association award

History professor Michael Bliss has won the F-X. Garneau Medal of the Canadian Historical Association, awarded every five years for the most outstanding history book written in Canada. Bliss won this medal for his book *A Canadian Millionaire: The Life and Business Times of Sir Joseph Flavelle, Bart., 1858-1939* (Macmillan of Canada, 1978). The competition covered books published between 1978 and 1982.

UNIVERSITY OF TORONTO

Bulletin

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The awards, presented at the annual Alumni Information Development conference in Toronto last month, went to: *The Graduate* article "Ordered to Winnipeg", by Donald B. Smith, November/December 1984 (best achievement in feature writing, other than research); a photograph of Mavis Gallant by John Mastromonaco in the January/February 1984 *Graduate* (honourable mention); Doreen Marks and Linda Cahill of Scarborough College for best brochure or pamphlet, other than for alumni fund raising; and Malcolm McGrath of the Faculty of Applied Science & Engineering for the best package of promotional material for alumni fund raising.

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a big iron pot which is kept hot at your table. The ingredients are boiled shrimps, lobster tail, crab legs, scallops, white fish and fish cake, green vegetables, and bonito stock. Soup, appetizer and dessert are included. Vegetarians will like the *shyo-jin-ryori* complete dinner a fascinating mélange of crisp oriental vegetables. There is accommodation for parties of four or more. Licensed. AmEx, ChgX. 459 Church Street, 924-1303. Noon-2:30 p.m. to 11 p.m. Mon.-Fri. Sat. 5 p.m. to 11 p.m. Closed Sunday. ★★★★

Appointments

New Brunswick assistant deputy minister named new dean of forestry

J. Roderick Carrow, assistant deputy minister in the New Brunswick Department of Natural Resources, will become dean of the Faculty of Forestry Sept. 3.

An expert in the field of forest entomology, Carrow has been active both as a researcher and administrator since receiving a PhD in entomology from Cornell University in 1971. Ten

years before, Carrow graduated from U of T. Before taking over the New Brunswick post in 1982, he was supervisor of the Pest Control Sector of the Ontario Ministry of Natural Resources. Carrow worked as a research scientist for the forestry service of Environment Canada from 1967 to 1977, and from 1975 to 1982 was also a guest lecturer at Simon

Fraser University.

Carrow has been involved with several professional and educational associations, including the Ontario Professional Foresters Association, the Ontario Forestry Association and

the Science Teachers Association of Ontario. He is a vice-president of the Canadian Institute of Forestry.

The term of his appointment is six years.

Donald Moggridge appointed associate dean, SGS

Scarborough College economics professor Donald E. Moggridge will begin a three-year term as associate dean, Division II, School of Graduate Studies, on July 1. Division II comprises the social sciences, including management studies and law.

An internationally recognized authority on the writings of John Maynard Keynes, Moggridge has taught economics at U of T since 1974. Prior to this he worked as a lecturer at Cambridge, where he received his MA in 1968 and PhD in 1970. Moggridge is a U of T alumnus, having earned his BA in political science and economics in 1965.

His expertise in contemporary economics has been reflected by dozens of articles and book reviews in publications such as *The Banker*, *International Currency Review*, *Journal of Economic History*, *Economica*, and the *Financial Times* of London. He is the author of three books on English

monetary policy, including *Keynes*, which has been translated into six languages, and is working on a biography of Keynes.

However, his principal academic activity since 1971 has been the co-editing of the *Collected Writings of John Maynard Keynes* (London: Macmillan and New York: Cambridge University Press) for Britain's Royal Economic Society. Work on the 30th and final volume of this project is nearing completion.

Moggridge has served on several U of T committees, including the 1978 Macpherson committee on the structure of the Department of Political Economy and on chairmen search committees for both the Department of Political Economy (1979) and the Department of Economics (1984). He has been a member of the SGS Council since 1983 and assistant chairman for economics at Scarborough since 1984.

George Will appointed associate dean, academic, in engineering faculty

George T. Will has been named to a three-year term as associate dean, academic, of the Faculty of Applied Science & Engineering. Will, who is currently associate chairman of the Department of Civil Engineering, will assume the post July 1.

A U of T graduate, Will has been a member of the faculty since 1974, when he arrived as an associate professor of civil engineering. Prior to this he was a research assistant at the Massachusetts Institute of Technology. He has worked professionally as a consultant on computer-aided structural analysis since 1969.

Although he has supervised dozens

of graduate theses, Will has found time to fulfil departmental duties such as membership on the admissions, examination and degree, and academic planning committees. He was also chairman of the faculty examinations committee and is currently a member of the SGS Division III degrees committee.

An expert on the use of computers in civil engineering, Will is currently working (with F.J. Keenan of forestry) on an NSERC-funded project on the design of joints in wood. He will be chairman of the conference on computing in civil engineering to be held at U of T this August.

The following appointments were confirmed at the Academic Affairs Committee May 30.

Faculty of Forestry

Professor J. Roderick Carrow, dean, from Sept. 1, 1985 to June 30, 1991; and Professor David V. Love, dean, from July 1, 1985 to Aug. 31, 1985 (extension of appointment)

Faculty of Applied Science & Engineering

Professor George T. Will, associate dean: academic, from July 1, 1985 to June 30, 1988

Erindale College

Professor Leonard J. Brooks, associate dean: social sciences, from July 1, 1985 to June 30, 1988 and vice-principal: administration, from July 1, 1985 to June 30, 1986 (reappointment)

School of Graduate Studies

Professor Donald E. Moggridge, associate dean: Division II, from July 1, 1985 to June 30, 1988

Faculty of Arts & Science

Professor Jane Millgate, vice-dean: humanities, from July 1, 1985 to June 30, 1987 (reappointment); Professor Christopher P. Jones, acting vice-dean: humanities, from July 1, 1985 to June 30, 1986; and Professor J.J.B. Smith, vice-dean: sciences, from July 1, 1985 to June 30, 1987 (reappointment)

Faculty of Architecture & Landscape Architecture

Professor Peter M. Wright, acting dean, from July 1, 1985 to June 30, 1986 (reappointment)

Graduate Centre for the Study of Drama

Professor E. Ann Saddlemeyer, acting director, from Sept. 1, 1985 to June 30, 1986

The Library

Maureen Hutchinson, acting chief librarian, from Aug. 1, 1985 to June 30, 1986

Division of Engineering Science

Professor Keith G. Balmain, chairman, from July 1, 1985 to June 30, 1990

Department of Botany

Professors N. Straus and J. Svoboda, professor, from July 1, 1985

Department of Chemistry

Professor S. Wallace, professor, from July 1, 1985

Department of Economics

Professors John Ham and Ralph Winter, associate professor with tenure, from July 1, 1985

Department of English

Professor E. Cook, professor, from July 1, 1985

Department of French

Professors L.E. Doucette

Department of Clinical Biochemistry

Professors J.G. Hill and S.J. Soldin, professor, from July 1, 1985; and J.M. Boggs, associate professor, from July 1, 1985

Department of Health Administration

Professor Alan Detsky, associate professor with tenure, from July 1, 1985

Department of Linguistics

Professor P. Reich,

professor, from July 1, 1985

Department of Mathematics

Professor I.M. Sigal,

professor with tenure, from July 1, 1985

Department of Physics

Professor H. Van Driel,

professor, from July 1, 1985

Department of Political Science

Professor R.S. Beiner,

associate professor with

tenure, from July 1, 1985

Department of Psychology

Professors A. Fleming and

Janet Polivy,

professor from

July 1, 1985

Department of Sociology

Professor B. Erickson,

professor, from July 1, 1985

Department of Zoology

Professor R.P. Elinson,

professor, from July 1, 1985

Physical Sciences Division, Scarborough College

Professor C.C. Dyer,

associate professor with

tenure, from July 1, 1985

Life Sciences Division, Scarborough College

Professor Felix Klauner,

associate professor (status

only), from July 1, 1985

Faculty of Forestry

Professor T.J. Blake,

associate professor with

tenure, from July 1, 1985

Faculty of Management Studies

Professors J.H. Amernic,

H.J. Arnold and D.A.

Ondrack, professor, from

July 1, 1985

The Library

Maureen Hutchinson, acting

chief librarian, from Aug. 1,

1985 to June 30, 1986

Division of Engineering Science

Professor Keith G. Balmain,

chairman, from July 1, 1985

to June 30, 1990

Faculty of Nursing

Professors May Yoshida,

professor, from July 1, 1985;

and Gayle Burns, associate

professor with tenure, from

July 1, 1985

Faculty of Pharmacy

Professor Harold Segal,

professor, from July 1, 1985

School of Physical & Health Education

Professor M.J. Plyley,

associate professor with

tenure, from July 1, 1985

Department of Anatomy

Professor Bernard Liebgott,

professor, from July 1, 1985

Department of Biochemistry

Professors C.M. Deber and

B.H. Robinson, professor,

from July 1, 1985; and Sergio

Grinstein, associate

professor, from July 1, 1985

Department of Chemical Engineering & Applied Chemistry

Professors D.G.B. Boocock,

F.R. Foulkes and M.V.

Sefton, professor, from July

1, 1985

Department of Electrical Engineering

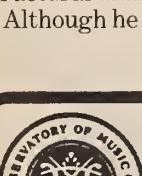
Professor S.G. Zaky,

professor, from July 1, 1985

Institute for Aerospace Studies

Professor J.S. Hansen,

professor, from July 1, 1985



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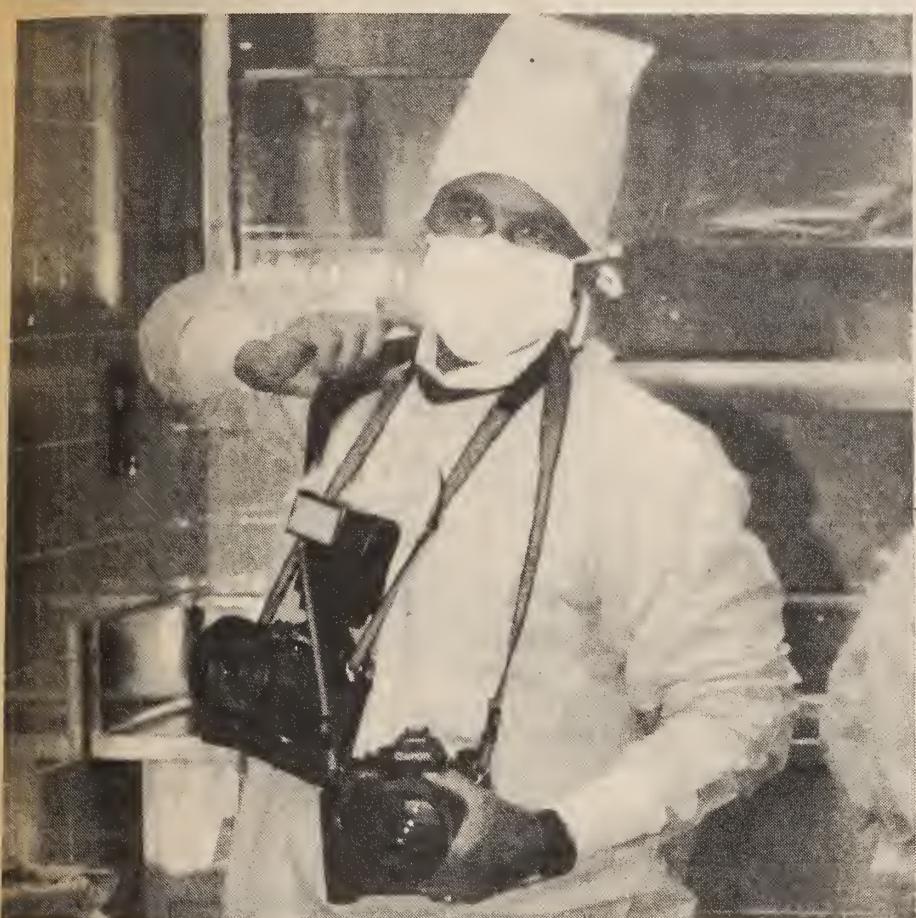
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A winning style

The man behind the mask behind the cameras is Steve Behal, who has just won his second bronze medal this year from the Council for the Advancement & Support of Education (CASE) in its Photographer of the Year competition. The award was given for Behal's work in the *Bulletin* this year. Last year, he was given a Special Merit Award by CASE, and recently, as reported in the last issue, a bronze medal for a series of photographs of former president James Ham. The photograph above was taken by Behal's brother Stan, a photographer for *The Toronto Sun*, during the recent media tour of U of T animal facilities.

U of T computer scientist receives award for artificial intelligence research

Professor Hector Levesque of the Department of Computer Science has been named winner of the 1985 Computers and Thought Award, presented biennially by the International Joint Conference on Artificial Intelligence (IJCAI). The award is for an outstanding young scientist in the field of artificial intelligence; the winner is invited to present a public lecture during the IJCAI 1985 Conference.

Previous winners were researchers at Yale, Stanford, Rutgers and MIT, with the latter receiving four of the awards. This is the first time it has been presented outside the United States.

Levesque was nominated for his research on the fundamental issues of knowledge representation which can be broadly classified into three areas: first, the formal treatment of features of knowledge/belief, for example, the nature of knowledge incompleteness; second, expressiveness versus computational tractability which involves the

discovery of tradeoffs between the expressiveness of a representation language and the difficulty of reasoning correctly with the beliefs expressed in it; and third, the development of knowledge representation formalisms and the design and implementation of KRYPTON, a recent proposal for a knowledge representation scheme.

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SUNDAYS
recitals — 7:30 to 8:30 p.m.

June 30, July 7 — **SYDNEY SHEP**
university carillonneur

July 14 — **TIM HURD**
Copenhagen, Denmark

July 21 — **TODD FAIR** — Amsterdam
& Alkmaar, Netherlands

July 28, August 4 — **SYDNEY SHEP**



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SOLDIERS' TOWER
Hart House

Mellon Foundation gives \$350,000 to Russian and East European studies

The Centre for Russian & East European Studies (CREES) has received a grant of \$350,000 (US) from the Andrew W. Mellon Foundation, to be spent over the next five years.

CREES will use the money to augment its research and training programs, and to develop a role for the centre in coordinating Russian and East European studies across Canada.

CREES director-designate, Professor Timothy Colton, and acting director, Professor Franklyn Griffiths, say the funds will be used to free faculty members for more extensive research, and to provide graduate fellowships, language training at western universities or in the USSR, and fellowships for post-doctoral students to allow them to prepare studies for publication.

Some of the Mellon grant will be used to organize workshops and con-

ferences of scholars from Canadian universities to identify needs in Russian and East European studies, coordinate existing resources in Canada and make Canadian and world research available to governments and private groups in this country. The first workshop is planned for the fall.

In the third and fifth years of the grant, CREES expects to hold information sessions for public officials, business, the media and other groups about recent developments and prospects in the Soviet Union and Eastern Europe. Publications are also planned.

The centre, created in 1963, has 49 faculty members who hold appointments in such departments as Slavic languages and literatures, history, economics and political science, among others. Seven librarians are associate members of CREES.

Committee Highlights

The Committee on Campus & Community Affairs —

June 4, 1985

• received for information a report from the assistant vice-president (student affairs) on the activities in the student affairs area in 1984-85 and issues that would arise in 1985-86.

Among the latter are the role of the University Health Service in the provision of occupational health services in the University; the impact of the Koffler Student

Services Centre on use of the International Student Centre; operating budget support for Hart House; and discipline policy

• received for information a year-end report from the Office of the Vice-President — Institutional Relations

• received for information the first annual status report on campus accessibility for disabled persons. For 1985-86, \$30,000 in "one-time only" funds have been approved, with \$20,000

designated for facility modifications and \$10,000 for other projects, including equipment. A \$4,000 base budget increase was provided for special examination arrangements for special students and assessments of students with various learning disabilities. In the past year, the Services to the Disabled Persons Advisory Committee has begun work on the development of criteria for assigning priority to accessibility projects

N·E·W·S

university of toronto computing services

UTCS Offers First Micro Bulletin Board at U of T

On June 24, 1985 the UTCS Micro Bulletin Board System (BBS) goes into production. The UTCS BBS is the first such system at U of T and is available FREE to everyone at U of T. The BBS currently runs on an IBM PC/AT with a 200 Mb disk.

Access to the BBS is available at 300 or 1200 baud (7 data bits, 1 stop bit, even parity). Dial 978-6200 (300 baud) or 978-3959 (1200 baud) and enter 65 to the "enter class" prompt. First time users will be asked to leave their name, phone number and U of T affiliation. Micro Support Group staff will contact the user, verify the information, and authorize BBS access for the user. Because there is only one port into the BBS, each user is limited to 30 minutes/day.

Once on the BBS, users can leave messages to all or specific users. The BBS also supports upload/download capabilities using Kermit, XModem, Modem7, Telink, XModem CRC, Modem7 CRC, Telink CRC and other protocols. Over 4 Mbytes of public domain software is available to users.

We'd like you to give our BBs a try! For more details contact the Micro Support Group at 978-8701.

**What?
More Short Courses?**

YES! UTCS offers a number of non credit short courses designed to assist users in finding computing solutions to their research and academic needs. These courses are

Communications and Computer Systems Consulting	978-4967
General Advising	978-HELP
Statistical Advising	978-STAT
Marketing	978-6875
Micro Support	978-8701

For additional information on these and other courses, or to register, contact Irene Rosiecki, 978-4565.

July 8-10, 2:00-4:00 (fee — \$10)

TXT/UNIX203: Introduction to TBL — This course requires experience with nroff/troff and an editor on the GB UNIX system. It teaches the basics of table preparation using tbl.

July 11-12, 9:30-11:30 (fee — \$10).

TXT/CMS101: XEDIT and SCRIBE on CMS — This course teaches the basics of CMS (Conversational Monitoring System), the text editor XEDIT, and the text formatting program SCRIBE.

Samples of text formatted by SCRIBE and sent to the UTCS Xerox 8700 laser printer are on display at the UTCS output area, third floor (North Wing) of McLennan Physical Labs, near the elevators.

July 22 - Aug 2, 9:30-11:30 (fee — \$10)

SAS/CMS101: Introduction to SAS and CMS — The SAS/CMS101 course is a new course developed to teach new users how to access computer facilities interactively using fullscreen CMS and to do basic data analysis using the SAS package.

Users will be able to create, modify, use, and delete data files using the XEDIT and FILELIST facilities on CMS. Using SAS, the student will learn to produce descriptive statistics, display data in charts and plots, and prepare data for more detailed statistical analysis.

July 8-10, 2:00-4:00 (fee — \$10)

For additional information on these and other courses, or to register, contact Irene Rosiecki, 978-4565.

Events

Meeting

Jets from Stars and Galaxies.

Monday, June 24 to Thursday, June 27

Topics: Jet flows from stars; relations to H₂O masers; Herbig-Haro objects, and H₂ clouds; velocity structure of bipolar molecular outflow and the relation to optical and radio jets; source posi-

tion in HR diagram; molecular discs; thermal and non-thermal jet structures from galactic nuclei; jet-gas interactions; lobes and hot spots; large scale structure; Quasars; SS433; bending, confinement and entrainment; turbulence, shocks, magnetic fields; energy and momentum sources. 103

McLennan Physical Laboratories. Sessions start 8.30 a.m. each day. Registration Sunday, June 23, Knox College, afternoon and evening. Registration fee \$50. Information: Prof. Seung-Urn Choe, 978-6877. (Canadian Institute for Theoretical Astrophysics)

Exhibitions

Robarts Library.

To June 27

The Staging of Allegorical Plays by Calderón: Models of 17th Century Stage Settings. South entrance lobby.

To June 28

The Kurds: An Endangered People; photographs and text organized by Kurdish Program, Cultural Survival Inc. Main display area.

Justina M. Barnicke Gallery

Hart House

To June 29

Jamaican Art 1922-1982; organized by Smithsonian Institution.

Hours: Tuesday-Saturday, 11 a.m. to 6 p.m.

Thomas Fisher Rare Book Library.

To July 5

Che bellissimi! Italian illustrated books of the 15th to 18th centuries, on occasion of International Conference on Italian, May 6 to 10.

Hours: Monday-Friday, 9 a.m. to 5 p.m.

Erindale College.

July 2 to 26

Soon-Hyung Kwon: Ceramics.

Gallery hours: Monday-Friday, 11 a.m. to 7 p.m.; Saturday-Sunday, 12 noon to 5 p.m.

Please note new gallery hours.

(Foundation for Support of Korean Studies at U of T)

Concert

Kendall Taylor, Piano

Monday, July 8

Walter Hall, Edward Johnson Building. 8 p.m.

Tickets \$6, students and senior citizens \$4 from Royal Conservatory of Music box office, 978-5470, or at door.

Information: 978-3771.

(RCM Summer School '85)

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Daria at the Ryerson Branch: Room L155 Jorgenson Hall 350 Victoria St. Toronto, Ont. M5B 2K3 Telephone 979-5130

Monica at the Humber Branch: 205 Humber College Blvd. Rexdale, Ont. M9W 5L7 Telephone 675-3111 Ext. 4580



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Research News

Upcoming Deadline Dates

Alberta Heritage Foundation — fellowships tenable at Alberta universities, conferences held in Alberta: July 1.

American Council of Learned Societies — travel grants to international meetings (Nov.-Feb.), American citizens or permanent residents only: July 1.

Canada Council — Killam program (deadline extension for 1986-87 academic year, supersedes "new" deadline): June 28.

Canadian Diabetes Association — grants-in-aid: deadline extended to July 15.

Canadian Nurses Foundation — research grants: July 31.

J.H. Cummings Foundation — applicants in the Faculty of Medicine, deadline at the research office of the faculty, July 15; deadline for applications at ORA from investigators outside Canada: July 31.

Hospital for Sick Children Foundation — research grants, travel funds (speakers only), conferences and seminars, publication grants: July 1.

International Union Against Cancer — Yamagawa-Yoshida study grant: June 30.

National Institutes of Health (US) — new research grants (unsolicited): July 1.

Paralyzed Veterans of America Spinal Cord Research Foundation — research proposals: July 1.

Physicians' Services Inc. Foundation — research grants: July 2.

SSHRC, Research Communications Division — aid to occasional scholarly conferences in Canada (Oct.-Feb.); June 30;

International Relations Division — travel grants for international conferences (Oct.-Jan.), international congresses in Canada: July 1;

Research Grants Division — major research grants: July 1.

U of T Research Board, Humanities & Social Sciences Committee — grants-in-aid, research travel: July 15.

PhD Orals

Since it is sometimes necessary to change the date or time of an oral examination, please confirm the information given in these listings with the PhD oral office, telephone 978-5258.

Friday, June 28

James Walter Hager, Department of Chemistry, "Laser Spectroscopy of Jet-Cooled Organic Molecules and Van Der Waals Clusters." Prof. S.C. Wallace. Room 301, 65 St. George St., 10 a.m.

Pabitra Narayan Ray, Faculty of Forestry, "An Approach to Evaluating Site Productivity Response of Black Spruce (*Picea mariana* (Mill.) B.S.P.) in the Ontario Clay Belt." Prof. V.R. Timmer. Room 309, 65 St. George St., 10 a.m.

Richard C. Helmes-Hayes, Department of Sociology, "Images of Inequality in Early Canadian Sociology, 1922-1965." Prof. B. Baldus. Room 309, 65 St. George St., 1 p.m.

Jung-Sang Suh, Department of Chemistry, "Surface-Enhanced Raman Studies of Molecules Adsorbed on Silver Colloid Surfaces." Prof. M. Moskovits. Room 301, 65 St. George St., 10 a.m.

Richard C. Helmes-Hayes, Department of Sociology, "Images of Inequality in Early Canadian Sociology, 1922-1965." Prof. B. Baldus. Room 309, 65 St. George St., 1 p.m.

Velut Arbor, Department of Psychology, "Attachment Quality and Sibling Relations: Responses of Anxiously Attached/Avoidant and Securely Attached 10 to 32 Month Old First-Borns toward Their Second-Born Siblings." Prof. C. Corder. Room 309, 65 St. George St., 2 p.m.

Oliver Robert Bosso, Department of Psychology, "Attachment Quality and Sibling Relations: Responses of Anxiously Attached/Avoidant and Securely Attached 10 to 32 Month Old First-Borns toward Their Second-Born Siblings." Prof. C. Corder. Room 309, 65 St. George St., 2 p.m.

Wednesday, July 3 Ed Chin Hong Chen, Department of Metallurgy & Materials Science, "The Kinetics of Chlorination of Lead Sulphide." Prof. J.M. Toguri. Room 309, 65 St. George St., 2 p.m.

Thursday, July 18 Richard Le Blanc, Department of Physics, "Coherent State Representations and Tansor Algebras." Prof. D.J. Rowe. Room 309, 65 St. George St., 10 a.m.

Jung-Sang Suh, Department of Chemistry, "Surface-Enhanced Raman Studies of Molecules Adsorbed on Silver Colloid Surfaces." Prof. M. Moskovits. Room 301, 65 St. George St., 10 a.m.

Wednesday, July 24 Sharon Beverly Rolbin, Department of Education, "The Mystical Quest: Experiences, Goals, Changes and Problems." Prof. A. Tough. Room 111, 65 St. George St., 10 a.m.

Wednesday, July 24 Oliver Robert Bosso, Department of Psychology, "Attachment Quality and Sibling Relations: Responses of Anxiously Attached/Avoidant and Securely Attached 10 to 32 Month Old First-Borns toward Their Second-Born Siblings." Prof. C. Corder. Room 309, 65 St. George St., 2 p.m.



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Letters

British method might solve U of T's grading policy problems



The University of Toronto's recent creation of a provostial committee to review grading policy shows that the current U of T student evaluation methodology remains problematic.

One possible solution might be to allow the student the option of being evaluated in the manner common in most British universities, which markedly reduces the possibilities of marking inequity and teacher favouritism. It also requires that university teachers must present the course curriculum *in its entirety*. A fairly thorough course curriculum is pub-

lished that lists the obligatory primary and secondary minimum sources for the course bibliography.

At the end of the course period, a comprehensive examination is set by a faculty or departmental board that generally does not include the course professor. All examinations are marked by a second board of examiners, established by the faculty or department concerned, which once again does not generally include the course teacher, but does however include not only other members of the concerned department or faculty but also external examiners who are distinguished teachers from other universities and/or published scholars of renown. Not only does such an evaluation methodology assure a relatively uniform standard, it also guarantees a university having high teaching standards and talented students the respect of the scholarly community at large. This methodology has evolved over the course of centuries, far longer than most North American universities have existed, but is paralleled in other European countries where universities prepare their students for examinations set by state or national boards which also select examiners and, in the case of theses, choose the readers. Often the course mark is determined solely on the basis of this final examination.

In order to remain competitive, it is necessary to remain flexible, open to evolution and the reality that change can be a most healthy influence. Surely it means being prepared in this instance to allow such an option.

Barry Waterlow
College Organist
Wycliffe College

does not mean to imply that Robert Toth or the "one US official" *Newsweek* quoted was speaking for the KGB. And I guess he would not seriously suggest that Lt. Gen. Samuel Wilson, the former head of the US Defense Intelligence Agency, was speaking for the KGB. He is, however, certain that somebody was.

For, according to Halperin's information, some person or persons made some "statement" or other which actually did originate with the KGB. I know nothing of any such statement. I will just note this interesting point, that Professor Halperin possesses a trusted source of information (so he is giving us to understand) which is able to "inform" him just what statements have come from the KGB.

Daniel Goldstick
Department of Philosophy

Study's ranking of chemistry department is suspect

In the May 6 *Bulletin* there was a summary of a study prepared for Ontario's IDEA Corporation dealing with scientific research productivity at the University of Toronto.

Although I obviously cannot comment on the report's conclusions in other disciplinary areas, I must take strong exception to the statement that "Western ranked ahead of U of T in

chemistry". I think the problem lies in the report's heavy reliance on bibliometric rating, which according to the study "is a reliable and accurate proxy for peer evaluation". In my view it is not.

Based on annual NSERC operating grant averages over the past several years, which in turn are based on a rigorous national and international peer evaluation system, one would have to conclude that in chemistry, both U of T and Alberta rank ahead of Western in research productivity. Indeed, on this basis U of T ranked well ahead of any other Canadian chemistry department in 1984-85 and 1985-86 so that this one conclusion in the IDEA Corporation study is suspect. This may well be the case in the other disciplinary areas mentioned in the article as well.

Keith Yates
Chairman
Department of Chemistry

Centre for
Reformation
and
Renaissance
Studies

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Duties are to some extent clerical (typing, file-keeping, secretary to committees), but in large measure also administrative (assisting the Director in the management of the Centre and overseeing the daily functioning of the Centre).

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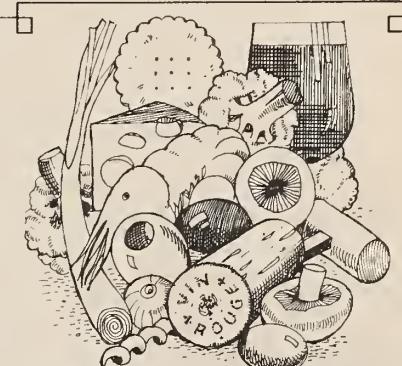
Maximum starting salary: \$19,000.

Starting date: 1 August 1985 or sooner if possible.

Letters of application, together with c.v. and the names of two referees, should be addressed to:

Director, CRRS
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Ads must be submitted in writing, 10 days before *Bulletin* publication date, to Marion de Courcy-Ireland, Department of Communications, 45 Willcocks St., Toronto, Ontario M5S 1A1. Ads will not be accepted over the phone.

Accommodation Rentals Available - Metro

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Apartment to Rent. July 1985-August 1986; Toronto near Yonge/Eglinton, close to subway; fully furnished and equipped modern high-rise apartment; 2 bedrooms, 2 baths, air conditioning, balcony, security guard, indoor plus guest parking, supervised swimming pool, Canadian antique furniture. For teachers or University associates, adults only. \$800 per month. Tel: evenings (416) 487-2201 or (416) 349-2211.

3 Bedroom luxury townhouse condominium at Leslie & Sheppard in North York. Close to shopping, transportation, schools and hospital. Supervised pool. 2 fireplaces, garage, 1-1/2 baths. Den opens to small shaded garden. Available furnished August 1985 for up to two years. About \$1,100 month plus hydro. Call James Macey 494-1058.

4 Bedroom flat — College/Dufferin avail. now. Furnished, suit 1-4 people. \$225.00 per person per month. Good for summer school. 533-4527.

For rent September 1985-May 1986 completely furnished, air-conditioned, 3 bedroom house. Private drive and garden. Near shopping. 20 min. drive U of T. Don Mills (Toronto). 444-4284, references. \$800/mo + utilities.

Fabulous Bennington Heights home, July to July '86. 10 minutes from University. Bright, renovated, well-furnished, fully-equipped. 3 bedrooms, 2 washrooms, study, familyroom with walkout. Quiet cul-de-sac near schools, transportation, shops, parks. Pleasant secluded garden. No pets. References. 423-1102 (evenings).

Scarborough Towncentre. Det. comfortably furnished 4 bdrm. house — 3 baths — large well appointed kitchen, living & dining rm. Main floor family & fireplace. Double garage. Available one year from Aug. 1: 921-0919.

One bedroom apartment Sept.-Dec. Tastefully furnished apartment. Condominium building in Forest Hill Village. 15 minutes by subway to U of T. Prefer non-smoker. \$550/month negotiable. Call 484-9549 evenings/weekends.

Furnished semi, 2 blocks south of Eglinton, 3 minutes walk to Bayview shopping, 3 bedroom, 2 bath, finished basement, all appliances and cable T.V., 2 car parking. Available 6-8 months from Sept. 1, 1985 or Oct. 1, 1985 or Nov. 1, 1985 to March 1, 1986, or April 1, 1986 or May 1, 1986. \$1,100 per month includes weekly cleaning lady. No pets. (416) 487-0273.

Sublet: October to Christmas 1985.

Furnished coach house in Cabbagetown. Open concept on two levels, washer, dryer, and garden. Suitable for one. \$475.00 per month, includes heating and cable. Call Gerry — 964-7577.

High Park sabbatical rental.

Furnished lower duplex, quiet corner, lots of light, 3/4 bedrooms, garage, laundry, 5 min to subway, non-smokers preferred, no pets; \$1,100 monthly + utilities, heating included. Available Sept. 1; Dr. Winnik, 978-6495, 769-2916 (evenings).

Furnished Apartment. Yonge & Davisville. Penthouse apartment, 2 bedroom (bedroom & den); furnished; sauna & pool; suit reliable person who will take care of fine furniture. \$670 per month; 591-1697 daytime.

Two storey house, turn-of-century, beautifully renovated, semi-furnished, spacious, bright, fully broadloomed, open concept on quiet residential, treelined street. Front and backyards. Two sundecks, two entrances, four appliances. Walking distance U of T and Kensington Market. College & Spadina. \$1200/monthly utilities inclusive. Available July 1985 to June 1986 or negotiable. Call Joseph 960-9975.

Couple with 2 children leaving for France Sept. 1st (1yr). Beautifully furnished 3(4) bedroom house. Familyroom, fireplace, 2 baths. In relaxing neighbourhood on edge of High Park. 1 min walk from College car. 5 min walk from Bloor subway, 10 houses from tennis courts. \$1400 + utilities. Contact: B. Zukerman, even. 766-0834. \$1400 + utilities.

Downtown, renovated Victorian townhouse — carpeted, 5 appliances, 3 levels, 2/3 bedrooms, spacious master bedroom or studio, 2 skylights and secluded sundeck. Modern bath, kitchen, patio, living room (working fireplace) and dining room. Near TTC. Off street parking. One year lease from Aug. 1st or shortly after. Rent \$1,025/month + utilities. Mac Henry, 153 Nipigon Ave., Willowdale M2M 2W6. 226-9049 or 924-7109.

Annex: 2 bedroom upper duplex in a quiet house on a friendly one-way neighbourhood street one block long. Renovated interior with your own thermostat, redwood bathroom, pillar windows and basement storage. \$710 + heat (gas). Available August 1, 1985. 613-594-9197; 416-977-2932.

Accommodation Rentals Required

Wanted immediately: Newly-arrived single faculty member seeks furnished, 2 bedroom apartment or small house for 2 or 3 months. 789-4886, leave message.

Housesitter Available. Reliable U of T professor and wife are available for housesitting for July. Please call or leave message 445-8234.

Young responsible married couple looking for accommodation starting August or September in U of T area. House or apartment. Will housesit. Max. \$500/month. Excellent references available. Please call Jennifer after 9 p.m. M-F at 653-2303.

Furnished house or apartment for January-June 1986, quiet, non-smoking medical fellow at Wellesley Hospital, with wife and infant. City location. Call collect (403) 474-1083, Dr. & Mrs. Paul Leung, 10959-102 St., #306, Edmonton, Alta. T5H 2V1.

Wanted — Furnished house or apartment for 1 year starting before Sept. 1st. 2 or 3 bedrooms. Visiting professor, wife and two children (13 and 11 years). Call 463-5196 after 5 p.m.

Wanted by U of T staff member: 3 bedroom house or apartment. Required Sept. 1, 1985 — Sept. 1, 1986. Walking distance to U of T. Max \$800/month. Willing to housesit plants & animals. Call Michelle at 978-3557.

Visiting professor from Israel requires 4 bedroom accommodation from August 1st, 1985 until September 1986. Preferred rent \$600-\$800, max. \$1,000. Call Jean Bowers, Dept. of Political Science, York University, 667-2409, 8:30-4:30 Monday-Friday.

Reliable mature woman pharmacy student looking for accommodation close to U of T, starting August or September. Non-smoker preferred. Write or call collect. Sharleen Treleaven, 17 Ullswater Dr., Nepean K2H 5H3. (613) 829-1749.

Visiting professor from Germany staying in Toronto from September 1, 1985 — April 30, 1986, is looking for a furnished 3-4 bedroom house, within easy reach of the University of Toronto. For further details please call Sandy Giles, Centre for International Studies, 978-3350/6498.

Responsible, young professional female non-smoker seeks self contained flat in house. Clean, bright, unfurnished, private entrance preferred, not essential. Willing to babysit, garden, snowshovel, do odd jobs for reduced rent. References gladly supplied. Yvonne 781-0450.

Visiting professor and wife from England need furnished apartment, or will house/plant/pet-sit for Sept. 1/85 to December 31, 1985. Close to campus, approximately \$500. per month. Contact Gloria 978-2214 9-5 p.m.

Responsible physician and family (2 girls, 9 & 6 yrs.) from Texas moving to Toronto for 10 months (Sept. 85-July 86) to do research at Sick Kids, seek 3/4 bedroom furnished house to sit. Call collect or write: Mike Badgwell, M.D., 8619 Kenosha Dr., Lubbock, Texas 79423. (806) 796-0885, (806) 743-2981.

Furnished sublet, Harbord-Spadina area needed for single, responsible sabbatical visitor, Sept. or Oct. 1985 to summer 1986. Quiet non-smoker. 926-0603, 978-3914 (afternoons). Messages: Merivale, Massey College by July 21.

Accommodation Shared

To Share: Non-smoking cooperative house of four seeks responsible, non-messy, quiet M/F over 25. Bloor/Spadina \$247.00 including utilities. Share chores, cooking, shopping, July 1st or August 1st. 928-0326, 928-0332.

Accommodation Out-of-town

Clearwater, Florida. 3 bedroom home. Close to beaches, tennis and golf. Ideal for 1 or 2 families. US\$275/week April-November; US\$325/week December-March, extended rates on request. 978-7078 or 593-5186.

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Miscellaneous

Passport photos now on campus. B/W Polaroid, 2 for \$6.50 (incl. tax, cash or internal code only). Wednesdays 10-2. Inst. Media Services, Rm 021, Best Inst. 112 College St. 978-8919.

Your Own Credit Union. If you are employed by the U of T you can join the Universities and Colleges Credit Union (Unicoll). For further information call 978-5505 and ask for the member services department.

Backpack Canada & United States. Adventuresome backpacking treks in the Canadian Rockies, The Grand Canyon in Arizona, the Grand Tetons in Wyoming, San Juan National Forest in Colorado, the Great Smokies in Georgia, the Florida Trail, the White Mountains of New Hampshire, etc. Also, base camp hiking trips. Adult, co-ed, 7 to 10 days. We have a great time! Request brochure. WILLARD'S ADVENTURE EXPEDITIONS, Box 10, Barrie, Ontario, Canada, L4M 4S9.

Wanted: 100 people to lose weight or earn \$200-\$500. Use herbs. Guaranteed. Call Marlene: 598-1766.

Trillium Translating Services. For professional French translations at reasonable rates, call 842-1594 or 271-5944.

Search and research service access to British libraries, museums, official and private archives for the overseas researcher. Write: M. Lubowski. BCM Box 1555, London WC1N 3XX, England.

Professionals Only Singles' Registry and Introduction Agency for University Graduates aged 25 to 45. (Proof required.) Established 1982; over 1501 registered. Registry parties: sailing, theatre, wine-tastings, guest speakers, dances, etcetera. 927-8289 noon to 6.

For Sale. Sailboat — 1981 Tanzer 22, excellent condition, Honda 7.5 motor, ideal for daysailing or weekending, docked at Toronto Island Marina. \$14,500 + slip. Eve. 251-0407.

Help Wanted: Part-time circulation manager for small, growing feminist magazine, 8-12 hours/week. Initiative and reliability most highly prized; needs confidence with microcomputers; experience and/or interest in periodical publishing a big plus. Call 978-4478.

Mature graduate student seeks part-time employment starting August/September. Excellent English skills; general office experience, including 3 years in U of T administration. You name it, I've typed it — from Anglo-Saxon to legalese. Also have design background, mechanical aptitude. Claudia Sommers, 762-5574, afternoons after July 7.

Found: Silver brooch at corner of Willcocks & Spadina, Tues., June 18. U of T Police Lost & Found, 978-2323.

'84 BMW 318i, 1-1/2 year warranty, air conditioning, limited slip diff., light alloy wheels, sun roof, stereo AM/FM cassette, best offer, 463-7022.

The deadline for classified ads for the July 22 Bulletin is July 11.

Job Openings

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the Personnel Office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call: (1) Sylvia Holland, 978-6470; (2) Steve Dyce, 978-5468; (3) Varujan Gharakhanian, 978-4419; (5) Christine Marchese, 978-4834; (6) Jeanette May, 978-2112; (7) Maureen Brown, 978-4312; (8) Mirella Taiariol, 978-7252.

Clerk Typist II (\$14,000 — 16,470 — 18,940) Preventive Medicine & Biostatistics, 50 percent full-time (1)

Clerk Typist III (\$15,420 — 18,140 — 20,860) University College (3), Personnel (2), Chemical Engineering & Applied Chemistry (5), Woodsworth (2), Environmental Studies (5), Social Work, 50 percent full-time (8), Zoology (7)

Secretary I (\$15,420 — 18,140 — 20,860) Faculty of Music, sessional (1)

Secretary II (\$16,960 — 19,950 — 22,940) Research Administration (1), History & Philosophy of Science & Technology (5), Policy Analysis (5)

Administrative Assistant I (\$18,880 — 22,210 — 25,540) Central Services (6)

Information Officer (\$25,670 — 30,200 — 34,730) Faculty of Music (1)

Coordinator, Counselling Services (\$30,070 — 35,380 — 40,690) Career Counselling & Placement Centre (2)

Laboratory Technician I (\$15,420 — 18,140 — 20,860) Scarborough Geography (6)

Laboratory Technician II (\$18,880 — 22,210 — 25,540) Pathology (6), Erindale Chemistry (6), Biomedical Engineering (5), Medicine (6), Pathology, atypical (6), Microbiology (5), Pharmacy (8)

Quality Control Officer (\$20,850 — 24,530 — 28,210) Physical Plant (1)

Building Services Officer II (\$28,530 — 33,560 — 38,590) Physical Plant (1)

Farm Resident (\$14,000 — 16,470 — 18,940) Hart House (3)

Horticulturist III (\$23,150 — 27,240 — 31,330) Erindale (6)

Professional Engineering Officer I (\$25,670 — 30,200 — 34,730) Occupational Health & Safety (1)

Craftsman II (\$20,850 — 24,530 — 28,210) Geology (7)